$1.00

YARD-MAN

OUTDOOR POWER EQUIPMENT
for all seasons

Summer | Winter | Spring | Fall

Owner's Manual

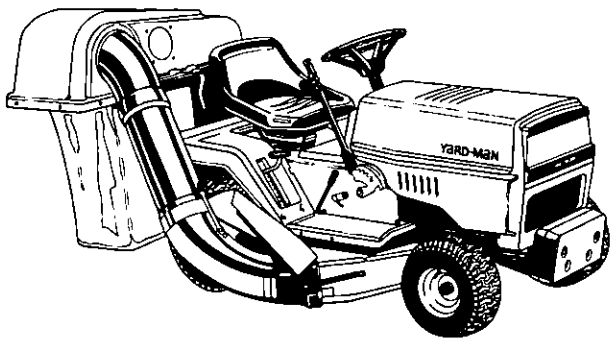
- ASSEMBLY
- OPERATION
- MAINTENANCE
- PARTS LIST

IMPORTANT:

Read Safety Rules and Instructions Carefully

Thank you for purchasing an American-built product.

12.5 H.P. LAWN TRACTOR



(Shown With Optional Grass Collector)

Model Number 13665-8

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Dear Customer,

So often throughout the year we are all in a rush to meet our daily obligations.

However, we at YARD-MAN COMPANY are taking a quick moment out to say. . .

"Thank you for your business."

Sincerely,
YARD-MAN COMPANY

INSTRUCTIONS GIVEN WITH THIS SYMBOL ARE FOR PERSONAL SAFETY. BE SURE TO FOLLOW THEM.

LIMITED WARRANTY

For two years from the date of original retail purchase, YARD-MAN COMPANY will either repair or replace, at its option, free of charge, F.O.B. factory or authorized service firm, any part or parts found to be defective in material or workmanship. Transportation charges for the movement of any power equipment unit or attachment are the responsibility of the purchaser. Transportation charges for any parts submitted for replacement under this warranty must be paid by the purchaser unless such return is requested by YARD-MAN COMPANY.

This warranty will not apply to any part which has become inoperative due to misuse, excessive use, accident, neglect, improper maintenance, alterations, or unless the unit has been operated and maintained in accordance with the instructions furnished. This warranty does not apply to the engine, Peerless components, the motor, battery, battery charger or component parts thereof. Please refer to the applicable manufacturer's warranty on these items.

Warranty on units used commercially is limited to sixty (60) days.

Warranty service is available through your local authorized service dealer or distributor. If you do not know the dealer or distributor in your area, please write to the Customer Service Department of YARD-MAN.

The return of a complete unit will not be accepted by the factory unless prior written permission has been extended by YARD-MAN.

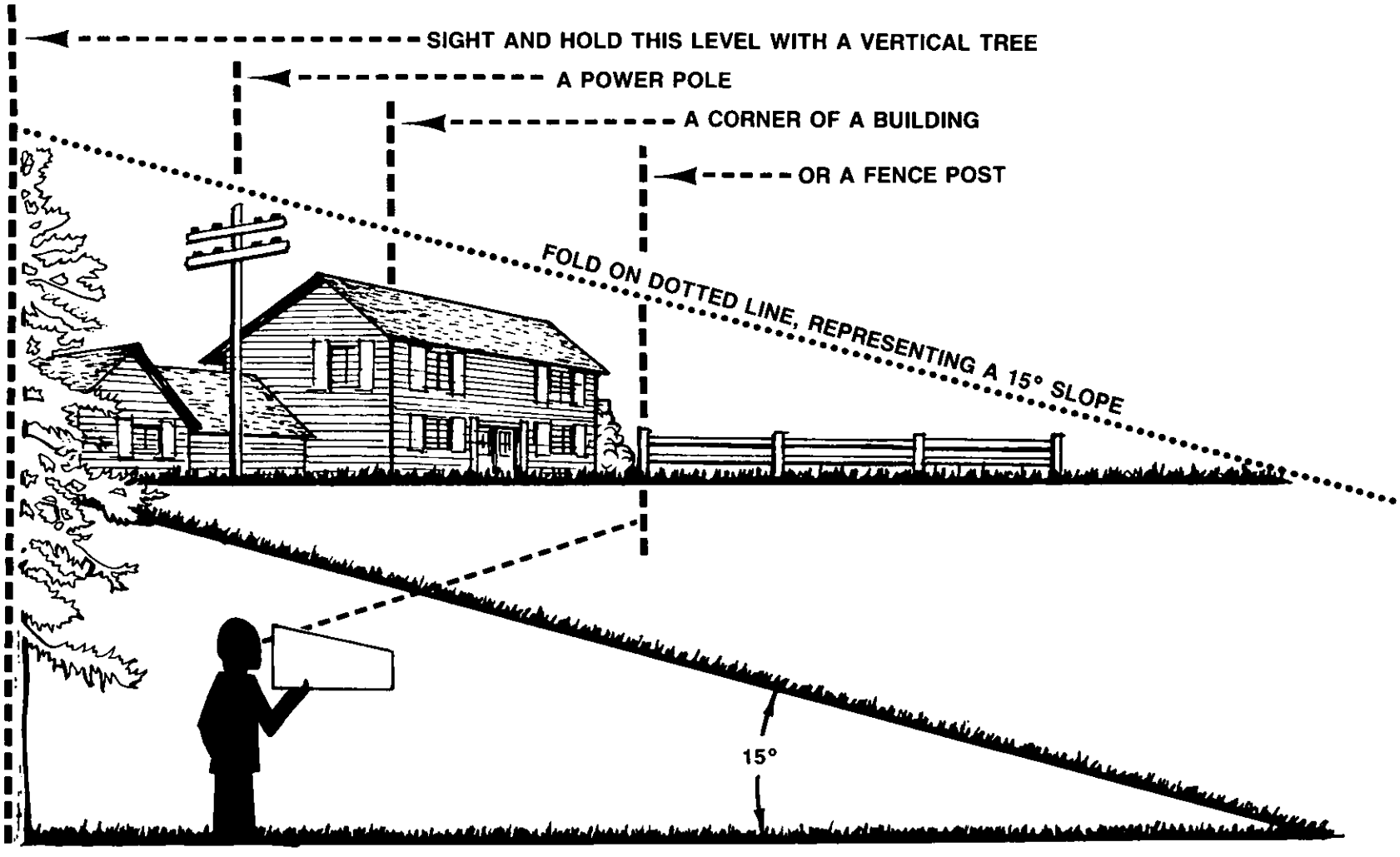
This warranty gives you specific legal rights. You may also have other rights which vary from state to state.

WARNING: This unit is equipped with an internal combustion engine and should not be used on or near any unimproved forest-covered, brush-covered or grass-covered land unless the engine's exhaust system is equipped with a spark arrester meeting applicable local or state laws (if any). If a spark arrester is used, it should be maintained in effective working order by the operator.

In the State of California the above is required by law (Section 4442 of the California Public Resources Code). Other states may have similar laws. Federal laws apply on federal lands. A spark arrester for the muffler is available through your nearest engine authorized service center.

Cut Along This Line

USE THIS SHEET AS A GUIDE TO DETERMINE SLOPES WHERE YOU MAY NOT OPERATE SAFELY.


SIGHT AND HOLD THIS LEVEL WITH A VERTICAL TREE
A POWER POLE
A CORNER OF A BUILDING
OR A FENCE POST
FOLD ON DOTTED LINE, REPRESENTING A 15° SLOPE
15°

SLOPE GAUGE

(Keep this sheet in a safe place for future reference.)

WARNING

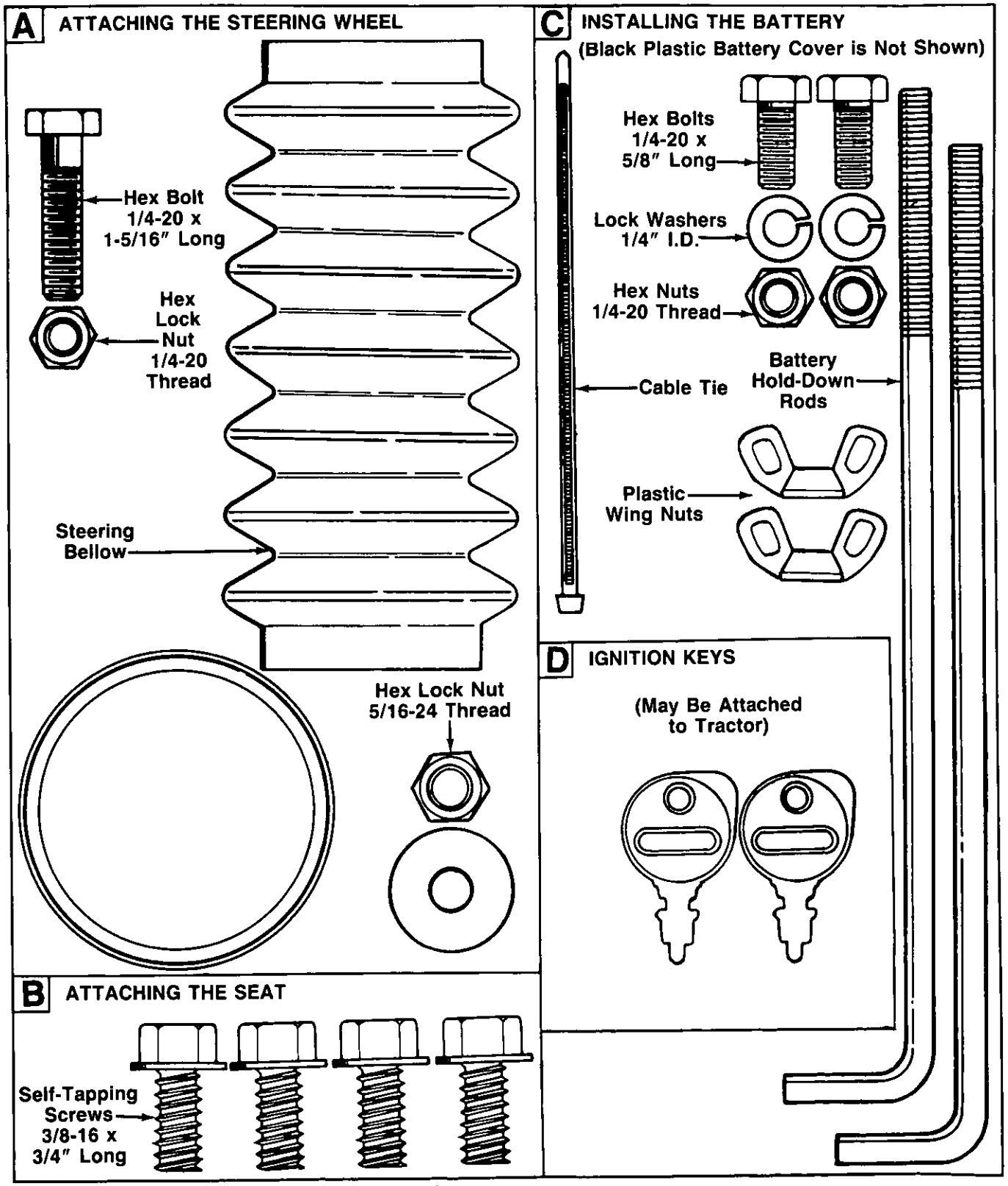
Do not mow on inclines with a slope in excess of 15 degrees (a rise of approximately 2½ feet every 10 feet). A riding mower could overturn and cause serious injury. If operating a walk-behind mower on such a slope, it is extremely difficult to maintain your footing and you could slip, resulting in serious injury.

Operate RIDING mowers up and down slopes, never across the face of slopes.
Operate WALK-BEHIND mowers across the face of slopes, never up and down slopes.

CONTENTS OF HARDWARE PACK

Remove this sheet from your owner's manual and lay the hardware on the illustration for identification purposes. Refer to the separate deck manual for any assembly instructions concerning the deck and additional contents of hardware pack (if any). After assembly, keep the Slope Gauge which is on the reverse side of this sheet for future use.

(Hardware pack may contain extra items which are not used on your unit.)


A ATTACHING THE STEERING WHEEL
Hex Bolt 1/4-20 x 1-5/16" Long
Hex Lock Nut 1/4-20 Thread
Steering Bellow
Hex Lock Nut 5/16-24 Thread
B ATTACHING THE SEAT
Self-Tapping Screws 3/8-16 x 3/4" Long
C INSTALLING THE BATTERY
(Black Plastic Battery Cover is Not Shown)
Hex Bolts 1/4-20 x 5/8" Long
Lock Washers 1/4" I.D.
Hex Nuts 1/4-20 Thread
Cable Tie
Battery Hold-Down Rods
Plastic Wing Nuts
D IGNITION KEYS
(May Be Attached to Tractor)

Cut Along This Line

0 1 2 3
INCHES

IMPORTANT

RULES FOR SAFE OPERATION

THIS SYMBOL POINTS OUT IMPORTANT SAFETY INSTRUCTIONS WHICH, IF NOT FOLLOWED, COULD ENDANGER THE PERSONAL SAFETY AND/OR PROPERTY OF YOURSELF AND OTHERS. READ AND FOLLOW ALL INSTRUCTIONS IN THIS MANUAL BEFORE ATTEMPTING TO OPERATE YOUR UNIT. FAILURE TO COMPLY WITH THESE INSTRUCTIONS MAY RESULT IN PERSONAL INJURY. WHEN YOU SEE THIS SYMBOL— **HEED ITS WARNING.**

DANGER

Your unit was built to be operated according to the rules for safe operation in this manual. As with any type of power equipment, carelessness or error on the part of the operator can result in serious injury. If you violate any of these rules, you may cause serious injury to yourself or others.

1. READ THIS OWNER'S MANUAL carefully in its entirety before attempting to assemble or operate this unit. Keep this manual in a safe place for future and regular reference and for ordering replacement parts.
2. This unit is a precision piece of power equipment, not a plaything. Therefore exercise extreme caution at all times.
3. Know the controls and how to stop the machine quickly.
4. Do not allow children to operate vehicle. Do not allow adults to operate it without proper instruction. Only persons well acquainted with these rules of safe operation should be allowed to use your mower.
5. Wear sturdy, rough-soled work shoes and close-fitting slacks and shirts to avoid entanglement in the moving parts. Never operate a unit in bare feet, sandals, or sneakers.
6. To prevent injury, do not carry passengers or give rides. Keep children, pets and bystanders out of the area while mowing. Only the operator should ride on the unit and only ride in the seat.
7. Check overhead clearance carefully before driving under power lines, guy wires, bridges or low hanging tree branches, before entering or leaving buildings, or in any other situation where the operator may be struck or pulled from the unit, which could result in serious injury.
8. To maintain control of the unit and reduce the possibility of upset or collision, operate the tractor smoothly. Avoid erratic operation and excessive speed.
9. Keep the area of operation clear of all persons, particularly small children and pets. Stop engine when they are in the vicinity of your mower. Although the area of operation should be completely cleared of foreign objects, a small object may have been overlooked and could be accidently thrown by the mower in any direction and cause injury to you or a bystander.
10. Stop the blade(s) when crossing gravel drives, walks or roads.
11. Disengage all attachment clutches and shift into neutral before attempting to start engine.
12. Disengage power to attachment(s) and stop engine before leaving operating position.
13. Do not put hands or feet near or under rotating parts. Keep clear of the discharge opening at all times as the rotating blade(s) can cause injury.
14. Disengage power to attachment(s) and stop engine before making any repairs or adjustments. Disconnect the spark plug wire and keep the wire away from the plug to prevent accidental starting.
15. Before attempting to unclog the mower or discharge chute, stop the engine. The mower blade(s) may continue to rotate for a few seconds after the engine is shut off. Therefore, be sure the blade(s) have stopped completely. Disconnect the spark plug wire and keep the wire away from the plug to prevent accidental starting.
16. Disengage power to attachment(s) when transporting or not in use.
17. Take all possible precautions when leaving vehicle unattended such as disengaging power take-off, lowering attachments, shifting into neutral, setting parking brake, stopping engine and removing key.
18. For your safety, use the slope gauge included as part of this manual to measure slopes before operating this unit on a sloped or hilly area. If the slope is greater than 15° as shown on the slope gauge, do not operate this unit on that area or serious injury could result.
19. Do not stop or start suddenly when going uphill or downhill. Mow up and down face of steep slopes; never across the face. Use extreme caution if it is necessary to drive the tractor up an incline or back the tractor down an incline because the front of the tractor could lift and rapidly flip over backward which could cause serious injury.
20. Reduce speed on slopes and in sharp turns to prevent tipping or loss of control. Always keep the tractor in gear when going down steep hills to take advantage of engine braking action.
21. Stay alert for holes in terrain and other hidden hazards which may cause the unit to tip over.
22. Use care when pulling loads or using heavy equipment.
    A. Use only approved drawbar hitch points.
    B. Limit loads to those you can safely control.
    C. Do not turn sharply. Use care when backing.
    D. Use counterweight(s) or wheel weights when suggested in owner's manual.
23. Watch out for traffic when crossing or near roadways.
24. When using any attachments, never direct discharge of material toward bystanders nor allow anyone near vehicle while in operation.
25. Handle gasoline with care. It is highly flammable.
    A. Use approved gasoline container.
    B. Never remove cap or add gasoline to a running or hot engine or fill fuel tank indoors. Wipe up spilled gasoline.
    C. Open doors if engine is run in garage. Exhaust fumes are dangerous. Do not run engine indoors.

Rules for Safe Operation (continued)

26. Keep the vehicle and attachments in good operating condition, and keep safety devices in place. Use guards as instructed in operator's manual.
27. Keep all nuts, bolts, and screws tight to be sure the equipment is in safe working condition.
28. Never store the machine with fuel in the fuel tank inside a building where ignition sources are present, such as hot water and space heaters, clothes dryers, and the like. Allow the engine to cool before storing in any enclosure.
29. To reduce fire hazard, keep engine free of grass, leaves or excessive grease.
30. The vehicle and attachments should be stopped and inspected for damage after striking a foreign object. The damage should be repaired before restarting and operating the equipment.
31. Do not change the engine governor settings or overspeed the engine.
32. When using the vehicle with mower, proceed as follows:
    (1) Mow only in daylight or in good artificial light.
    (2) Never make a cutting height adjustment while engine is running if operator must dismount to do so.
    (3) Shut the engine off and wait until the blade comes to a complete stop before removing the grass catcher.
    (4) Check blade mounting bolts for proper tightness at frequent intervals.
33. Check grass catcher bags frequently for wear or deterioration. For safety protection, replace only with new bag meeting original equipment specifications.
34. Look behind to make sure the area is clear before placing the transmission in reverse and continue looking behind while backing up. Disengage blades before shifting into reverse and backing up.
35. This unit should not be driven up a ramp onto a trailer or truck under power, because the unit could tip over, causing serious personal injury. The unit must be pushed manually to load properly.

IMPORTANT: This unit is shipped WITHOUT GASOLINE or OIL; however, a small amount of oil may be present from the factory. Do not overfill. After assembly, service engine with gasoline and oil as instructed in the separate engine manual packed with your unit.

NOTE: Reference to right or left hand side of the unit is observed from the driver's seat, facing forward.

ASSEMBLY

UNPACKING

1. Remove the lawn tractor from the carton as follows. Open the top flaps. Remove all loose parts and carton inserts. Cut the front corners of the carton. Make certain brake is released, and push the unit out of the carton.
2. Remove page four from this manual and lay the contents of the hardware pack on the illustration for identification.

NOTE

Two mounting brackets and hardware are included in a separate bag for use with the optional rear bagging kit, model 064. Keep these parts in a safe place for future use.

BATTERY INFORMATION

WARNING

A. Battery acid must be handled with great care as contact with it can burn and blister the skin. It is also advisable to wear protective clothing (goggles, rubber gloves and apron) when working with it.*

B. Should battery acid accidentally splatter into the eyes or onto the face, rinse the affected area immediately with clean, cold water. If there is any further discomfort, seek prompt medical attention.

C. If acid spills on clothing, first dilute it with clean water, then neutralize with a solution of ammonia/water or baking soda/water.

D. Since battery acid is corrosive, do not pour it into any sink or drain. Before discarding empty electrolyte containers, rinse them with a neutralizing solution.

E. NEVER connect or disconnect charger clips to battery while charger is turned on as it can cause sparks.

F. Keep all lighted materials (cigarettes, matches, lighters) away from the battery as the hydrogen gas generated during charging can be combustible.

G. As a further precaution, only charge the battery in a well-ventilated area.

***Always shield eyes, protect skin and clothing when working near batteries.**

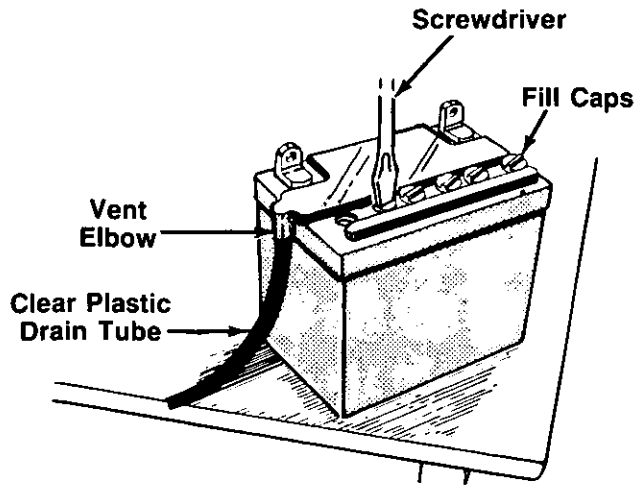


FIGURE 1.

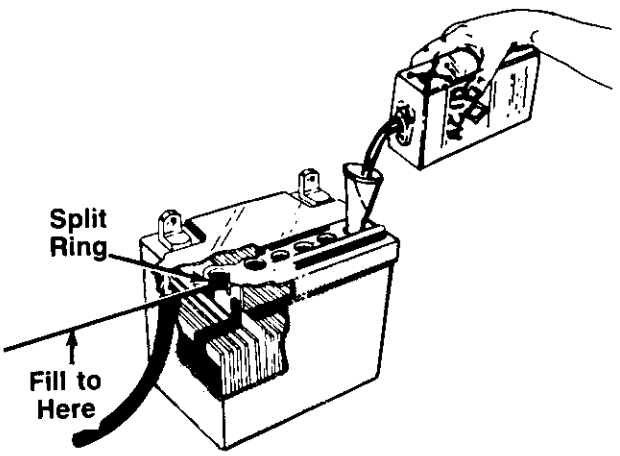


FIGURE 2.

DANGER

Battery contains sulfuric acid. Refer to warning on page 6. Antidote: EXTERNAL—Flush with water. INTERNAL—Drink large quantities of water or milk. Follow with milk of magnesia, beaten egg or vegetable oil. Seek prompt medical attention. EYES: Flush with cool water for at least 15 minutes, then seek immediate medical attention.

Since batteries produce explosive gases, keep all lighted materials (cigarettes, lighters, matches, etc.) away. Be sure to charge battery only in well-ventilated areas.

KEEP BATTERIES
OUT OF THE REACH OF CHILDREN!

ACTIVATING THE BATTERY

Do not activate battery (fill with battery acid) until battery is actually placed in service. Be certain to read previous warnings before activating the battery.

1. Open the battery pack. Be careful not to puncture the box. It contains the battery with a long plastic tube attached, battery fluid (acid) in a cardboard container and one cone.
2. Place the battery on a table or workbench. Make certain the long plastic drain tube is in place on the vent elbow.
3. Remove the six fill caps from the top of the battery with a screwdriver. Be careful not to damage the fill caps. See figure 1.
4. Cut off the tip of the cone for use as a funnel.
5. Place the battery fluid container upright on the table or workbench. Carefully remove the flap on the box, and pull out the plastic tube. Cut off the tip of the plastic tube. Do not squeeze the container when cutting the tip.
6. Fill each battery cell slowly and carefully to the split ring at the bottom of the well. See figure 2. Use caution as the acid level will rise rapidly after the bottom of the cell is filled. DO NOT OVERFILL.
7. Allow battery to stand for 30 minutes with the fill caps removed, while the plates absorb acid.
8. If acid level has fallen after the 30 minute standing period, refill each cell with battery acid to the split ring. Replace the fill caps.
9. Before discarding the empty container, neutralize any residue with baking soda and rinse container with water. Puncture container several times before discarding.
10. Charge the battery after the 30 minute standing period. SLOW CHARGE THE BATTERY (DO NOT FAST CHARGE) at a maximum bench rate of 5 amperes until the specific gravity reading is 1.265 (Approximately 30 minutes).

NOTE

After battery has been in service, add only distilled water to replace normal loss. Do not add acid.

NOTE

This engine is equipped with an alternator. The current for the battery charger alternator is unregulated. During normal operation, it is only necessary to charge the battery:

1. When it is activated for the first time.
2. Before winter storage.
3. Before using the lawn tractor after winter storage.

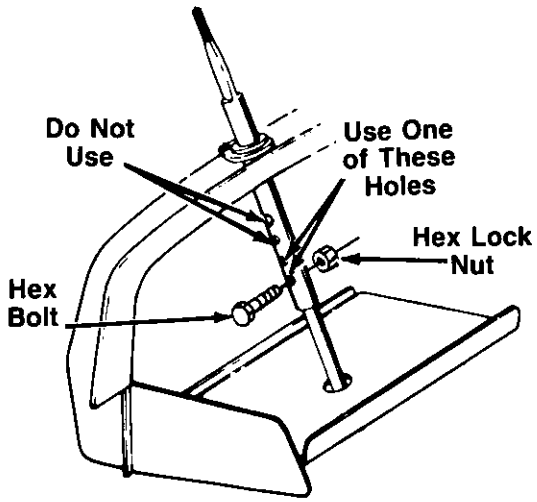


FIGURE 3.

ATTACHING THE STEERING WHEEL (Hardware A)

1. For shipping purposes, the upper steering shaft is pushed all the way down over the lower steering shaft. Pull the upper steering shaft up. The holes in the shaft provide steering wheel height adjustment. When securing the two halves of the steering shaft, select one of the two lower holes in the upper shaft as shown. **Do not** use the two upper holes. Secure with hex bolt and hex lock nut. See figure 3.

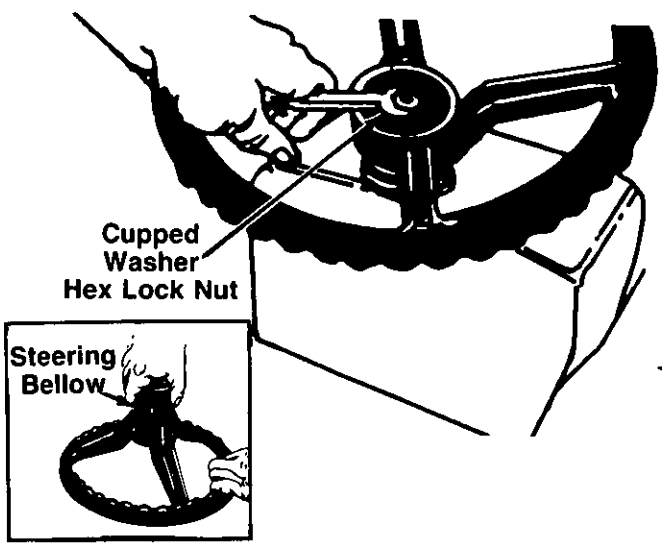


FIGURE 4.

2. Attach one end of steering bellow to the steering wheel as shown in figure 4, inset.
3. Position the front wheels of the tractor so they are pointing straight forward.
4. Place the steering wheel and steering bellow over the steering shaft, positioning steering wheel as desired.
5. Place the washer with the cupped side down over the steering shaft. Secure with 5/16" hex lock nut. See figure 4.
6. Place the steering wheel cap over the center of the steering wheel and seat it with your hand.

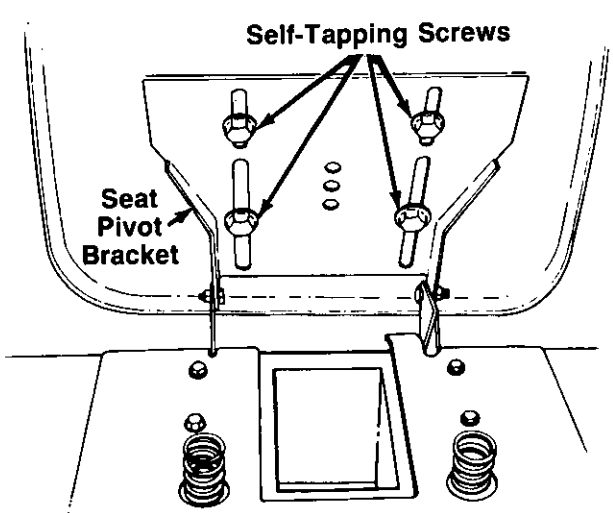


FIGURE 5.

ATTACHING THE SEAT (Hardware B)

Place the seat in position against the seat pivot bracket, lining up the slotted holes in the pivot bracket with the holes in the seat. Select desired position for the seat, and secure with self-tapping screws. See figure 5.

DECK INSTRUCTIONS

Refer to the separate deck manual for instructions concerning attaching the chute.

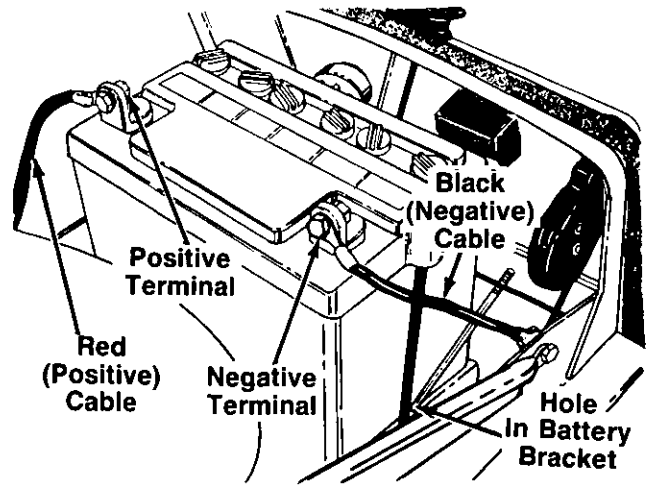


FIGURE 6.

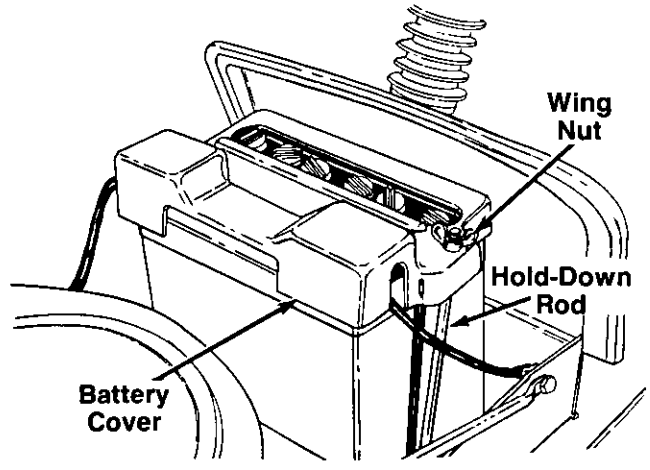


FIGURE 7.

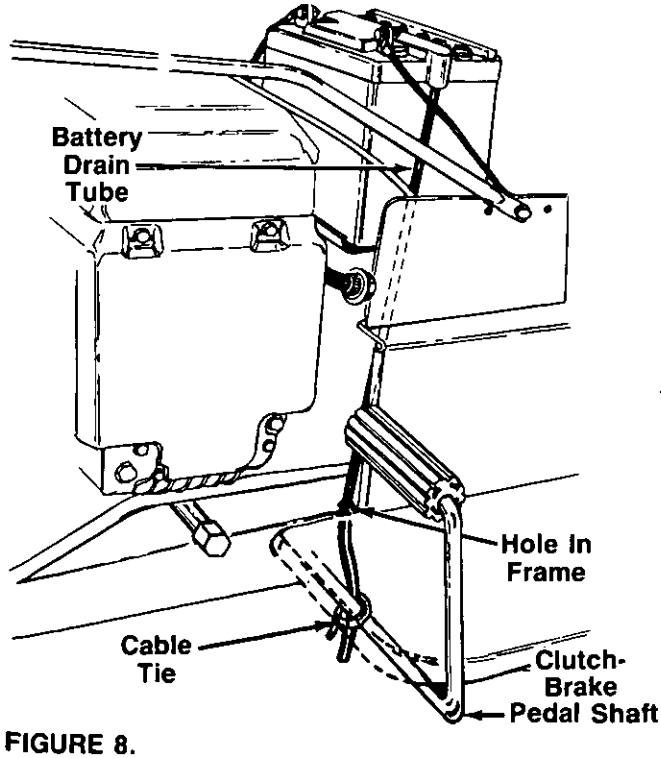


FIGURE 8.

INSTALLING THE BATTERY (Hardware C)

1. Open the hood of the lawn tractor by lifting up on both sides of the hood.
2. Place the battery in the lawn tractor so that the positive terminal is facing the right side of the unit. See figure 6.

NOTE

Right and left hand sides of the unit are determined from the operating position, facing forward.

3. Attach the positive cable (heavy red wire) to the positive battery terminal (+) with hex bolt 5/8" long, 1/4" lock washer and hex nut. See figure 6.
4. Attach the negative cable (heavy black wire) to the negative battery terminal (−) with the other hex bolt 5/8" long, 1/4" lock washer and hex nut.
5. Hook one hold-down rod into the hole in the edge of the battery bracket beside the battery. See figure 6. Place the black plastic battery cover in position over the hold-down rod. Secure with wing nut. Attach other hold-down rod to the other side of battery cover in the same manner. See figure 7.
6. Route the battery drain tube down through the hole in the frame, then forward to the brake cable bracket. See figure 8.
7. Secure drain tube to bracket on clutch-brake pedal shaft. Trim excess end of cable tie.

CONTROLS

THROTTLE CONTROL

The throttle control is used to regulate the engine speed. To get maximum efficiency from cutting, the throttle should be in the FAST position when operating the mower. See figure 9.

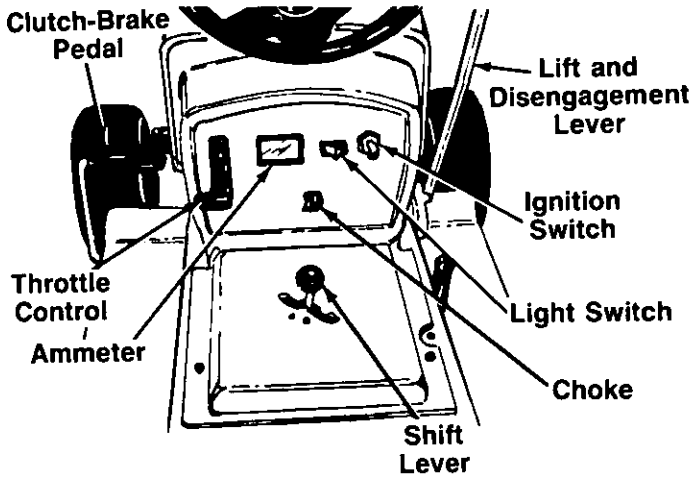


FIGURE 9.

CHOKE CONTROL

The choke control is located on the dashboard and is operated manually. Details for the choke operation are covered in the separate engine manual packed with your unit. See figure 9.

SHIFT LEVER

The shift lever is located on the left side of the console and has three positions, FORWARD, NEUTRAL and REVERSE. See figure 9. The clutch-brake pedal must be depressed and the lawn tractor must not be moving when shifting gears. Do not force the shift lever. Release the clutch-brake pedal slightly to line up the shifting collar in the transmission. Then try to shift gears.

SPEED CONTROL LEVER

The speed control lever is located on the right fender. It allows you to regulate the ground speed of the lawn tractor. See figure 10. To select the ground speed, depress clutch pedal. Push speed control lever outward and move backward to slow lawn tractor, move forward to increase speed. When desired speed has been obtained, release lever in that position. Whenever clutch is engaged, unit will automatically go to the pre-set speed.

IGNITION SWITCH

Turn the key to the START position to start the engine. When the engine is running, let the key return to the ON position. To stop the engine, turn the key to the left to the OFF position and remove it to prevent accidental starting. See figure 9.

LIGHT SWITCH

Push the light switch to turn on the lights. The lights will only operate when the engine is running. See figure 9.

AMMETER

The ammeter registers the rate of battery charge or discharge. The ammeter will register on the discharging side when starting the engine. It should register on the opposite side (charging) when the engine is running in the fast position until the battery is completely charged. With a fully charged battery or with the engine idling, the ammeter will not show a charge. See figure 9.

CLUTCH-BRAKE PEDAL

The clutch-brake pedal is located on the left side of the lawn tractor. Depressing the clutch-brake pedal part way disengages the clutch. Pressing the pedal all the way down disengages the clutch and engages the disc brake. See figure 9.

NOTE

The clutch-brake pedal must be depressed to start the engine.

PARKING BRAKE

The speed control lever is used to set the parking brake. To set the parking brake, depress the clutch-brake pedal. Press the speed control lever outward and all the way to the rear of the unit. Release the speed control lever and the clutch-brake pedal.

To release the parking brake, depress the clutch-brake pedal, press the speed control lever outward and move to desired position. Release the speed control lever and the clutch-brake pedal.

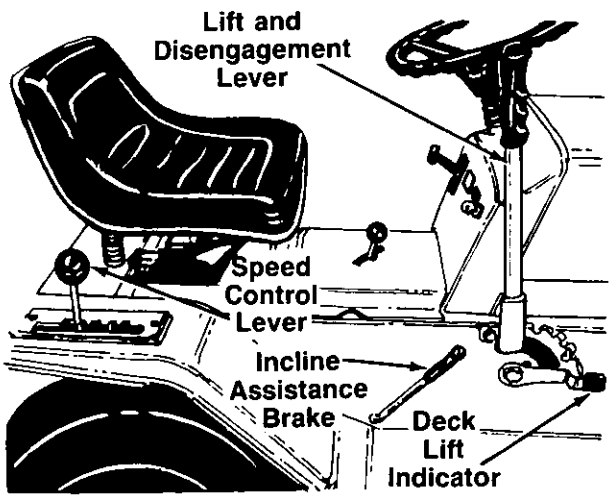


FIGURE 10.

INCLINE ASSISTANCE BRAKE

When stopping on a hill, hold the incline assistance brake lever back while you release the clutch-brake pedal until the lawn tractor begins to move, then release the lever. This lever permits smoother starts and clutch engagement by holding the tractor during the brake release/clutch engagement operation. See figure 10.

INTERLOCKS (Not Shown)

Interlock safety switches are located on the clutch-brake pedal, the lift lever, the gear shift lever and under the seat.

Before the engine will start, the clutch-brake pedal must be depressed all the way and the lift lever must be in the disengaged position.

Before the unit can be shifted into reverse or if the operator leaves the seat, the lift lever must be in the disengaged position.

LIFT LEVER

The lift lever is used to raise and lower the cutting deck and to engage and disengage the cutting blades. Pulling it all the way back and locking it disengages the blades. The lift lever must be in the disengaged position when starting the engine, when shifting into reverse or if the operator leaves the seat.

DECK LIFT INDICATOR

The deck lift indicator marks the position being used for the lift lever. Select the lift lever position desired, press the indicator lever outward, move it to the position immediately below the lift lever and release the indicator lever. See figure 10.

DECK WHEEL HEIGHT ADJUSTMENT

Move the deck wheel to the desired hole location in the deck.

SETTING THE CUTTING HEIGHT

1. Select the position for the lift lever which gives the desired cutting height. Move the deck lift indicator so that the lift lever can be returned to the same position after it is raised.
2. Set the deck wheels so that the wheels are ¼ to ½ inch above the ground.

OPERATION

CAUTION

- READ OPERATOR S MANUAL(S) • NEVER CARRY CHILDREN
- KNOW LOCATION AND FUNCTION OF ALL CONTROLS
- KEEP SAFETY DEVICES (GUARDS SHIELDS AND SWITCHES) IN PLACE AND WORKING
- REMOVE OBJECTS THAT COULD BE THROWN BY BLADE(S)
- DO NOT OPERATE THE UNIT WHEN CHILDREN AND OTHERS ARE AROUND
- ALWAYS LOOK BEHIND THE UNIT BEFORE BACKING UP
- DO NOT OPERATE THE UNIT WHERE IT COULD SLIP OR TIP
- IF THE UNIT STOPS GOING UPHILL STOP BLADE(S) AND BACK SLOWLY DOWNHILL
- BE SURE BLADE(S) AND ENGINE ARE STOPPED BEFORE PLACING HANDS OR FEET NEAR BLADE(S)
- BEFORE LEAVING OPERATOR S POSITION SHUT ENGINE OFF AND REMOVE KEY

TIRE PRESSURE

For shipping purposes, the tires on your unit may be over-inflated. Tire pressure should be reduced before unit is put into operation. Recommended operating tire pressure should be 10 p.s.i.

Check sidewall of tire for manufacturer's maximum tire pressure. If this information does not appear on your tire, maximum tire pressure under any circumstances is 30 p.s.i. Equal tire pressure should be maintained on all tires.

STARTING THE ENGINE

NOTE

To open the hood, simply lift up on both sides of the hood.

1. Service the engine with oil and gasoline as described in the engine manual.
2. Depress the clutch-brake pedal and set the parking brake.
3. Place the lift lever in the DISENGAGED position. See figure 10.

NOTE

This unit is equipped with a **safety interlock system** for your protection. The purpose of the safety interlock system is to prevent the engine from cranking or starting unless the clutch-brake pedal is depressed and the lift lever is in the disengaged position. In addition, the lift lever must be in the disengaged position when the unit is put into reverse or the engine will shut off. If the operator leaves the seat with the lift lever engaged, the engine will shut off.

WARNING

Do not operate the lawn tractor if the interlock system is malfunctioning because it is a safety device, designed for protection.

4. Set the throttle control in the FAST position. See figure 9.
5. Pull choke knob to choke engine.

NOTE

A warm engine may not require choking.

6. Turn the ignition key to the START position. When the engine is running, let the key return to the ON position. See figure 9.
7. Push choke knob in gradually. Move the throttle control to desired engine speed.

STOPPING THE ENGINE

Turn the ignition key to the left to the OFF position. Remove the key to prevent accidental starting.

NOTE

A brief break-in period is essential to ensure maximum engine and mower life. The break-in consists of running the engine at half speed for a period of time required to use one tank of gasoline. It is also recommended to change crankcase oil after the first 5 hours of operation.

Be sure that the lawn is clear of stones, sticks, wire, or other objects which could damage lawn tractor or engine. For best results and to insure more even grass distribution, do not mow when lawn is excessively wet.

IMPORTANT

If you strike a foreign object, stop the engine. Remove wire from spark plug, thoroughly inspect the unit for any damage, and repair the damage before restarting and operating the mower.

NOTE

If any problems are encountered, refer to the Trouble Shooting Chart on page 20.

OPERATING THE LAWN TRACTOR

1. Set the desired cutting height.
2. Start the engine as instructed in previous column.
3. Move throttle control to ¾ or full throttle to prevent strain on the engine and to operate the cutting blades.
4. Place the shift lever in either the FORWARD or REVERSE position.

CAUTION

Look to the rear before backing up.

5. Release the parking brake by depressing the clutch-brake pedal, pressing outward on the speed control lever and moving to desired position.

NOTE

Use first speed position when operating the lawn tractor for the first time.

6. Release clutch-brake pedal slowly to put unit into motion.
7. The lawn tractor is brought to a stop by depressing the clutch-brake pedal.

NOTE

When operating the unit initially, there will be little difference between the highest two speeds until after the belts have seated themselves into the pulleys during the break-in period.

CAUTION

If the unit is not to be used for a long period, place the gear shift lever in NEUTRAL, stop the engine, set the parking brake and remove the key. DO NOT leave the machine on an incline.

If unit stalls with speed control in high speed, or if unit will not operate with speed control lever in a low speed position, proceed as follows.

1. Place shift lever in NEUTRAL.
2. Restart engine.
3. Place speed control lever in high speed position.
4. Release clutch-brake pedal fully.
5. Depress clutch-brake pedal.
6. Place speed control lever in desired position.
7. Place shift lever in either FORWARD or REVERSE, and follow normal operating procedures.

OPERATING THE CUTTING BLADES

The cutting blades may be engaged while the lawn tractor is moving or standing still. DO NOT engage the cutting blades abruptly as the sudden belt tension on the pulley may cause the engine to stall.

WARNING

When the blade drive is engaged, keep feet and hands away from the discharge opening, the blades or any part of the deck.

Move the lift lever into the DISENGAGED position to disengage the blades.

NOTE

When the machine is used for other than mowing operations, the blade drive should be disengaged.

GRASS CATCHER Model 064 is available as optional equipment for Model 13665 lawn tractor.

WARNING

The mower should not be operated without the entire grass catcher or chute deflector in place.

NOTE

Under normal usage bag material is subject to wear, and should be checked periodically. Be sure any replacement bag complies with the mower manufacturer's recommendations.

For replacement bags, use only factory authorized replacement bag.

ADJUSTMENTS

SEAT ADJUSTMENT

The seat may be adjusted to different positions. Refer to "Attaching The Seat" section of Assembly Instructions.

STEERING WHEEL ADJUSTMENT

There are two height positions for the steering wheel. To adjust the height of the steering wheel, remove the hex bolt and hex lock nut on the steering shaft. Place the steering wheel in the position desired and secure with hex bolt and hex lock nut. Refer to figure 3.

NOTE

When raising the height of the steering wheel, stretch the steering bellow to cover the steering shaft.

DECK LEVELING ADJUSTMENT

If an uneven cut is obtained, the deck may be leveled as follows.

1. Remove the transmission cover:
   a. Place the gear shift lever in the neutral position. Unscrew the gear shift knob.
   b. Remove the two truss head screws which secure the transmission cover.
   c. Lift the transmission cover. Unplug the safety wire from beneath the transmission cover, and remove cover.
2. Using a 1/2" wrench, loosen the jam nut. See figure 11.
3. With unit on hard, level surface, measure the distance from the bottom edge of the center of the left side of deck to the ground. Measure the same distance on the center of the right side of the deck (just behind the chute area on side discharge units). Or, place the blades in a straight line, and measure the distance from the outside edge of the blade tips to the ground.
4. Adjust the deck as follows: To lower the left side of the deck, tighten the adjusting screw. To raise the left side of the deck, back the adjusting screw off several turns. Remeasure the deck as described in step 3, and readjust if necessary. Tighten the jam nut to secure the adjusting screw when the deck is level.
5. Replace the transmission cover, following the instructions in step 1 in reverse order. Be certain to reconnect the safety wire.

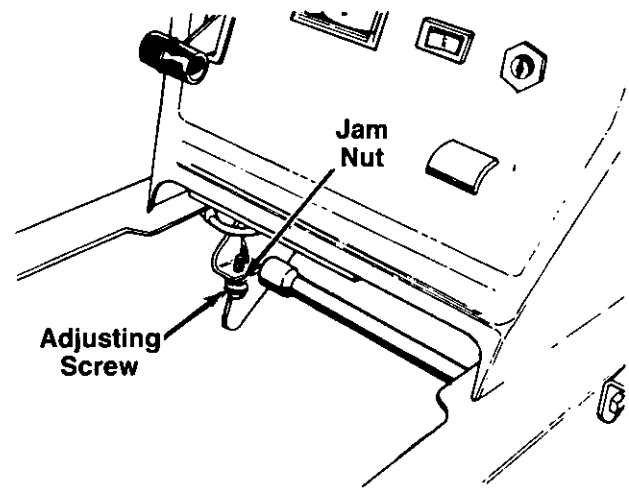


FIGURE 11.

SPEED CONTROL ADJUSTMENT (See figure 12)

NOTE

When operating the unit initially or after replacing the belts, there will be little difference between the highest two speeds until after the belts have gone through a break-in period and have seated themselves into the pulleys.

First, adjust the speed control lever by pushing the clutch-brake pedal forward until the stop on the speed control rod is against the running board rod. See figure 12. Have another person hold the pedal in this position as you make the following adjustment. Place the speed control lever in parking brake position. Remove the hairpin cotter and flat washer, and adjust the ferrule on the rod so it is against the back end of the slot. See figure 12. Replace the flat washer and hairpin cotter.

Next, adjust the speed control link as follows to obtain the correct neutral adjustment.

1. Start the engine.
2. Place the shift lever in NEUTRAL position.
3. Place the speed control lever in high speed position.
4. Release the clutch-brake pedal completely, then slowly depress the pedal all the way (to park position). Hold the pedal in this position.
5. Turn the engine off.
6. After engine stops completely, release the clutch-brake pedal.
7. Place speed control lever in second position.
8. Remove the cotter pin and flat washer which secures the speed control link to the variable speed torque bracket assembly.
9. Push the clutch-brake pedal backward by hand as far as it will go using light pressure. Hold it in this position as you thread the speed control link in or out of the ferrule until it lines up with the pin on the variable speed torque bracket assembly.
10. Secure speed control link to variable speed torque bracket assembly with flat washer and cotter pin.

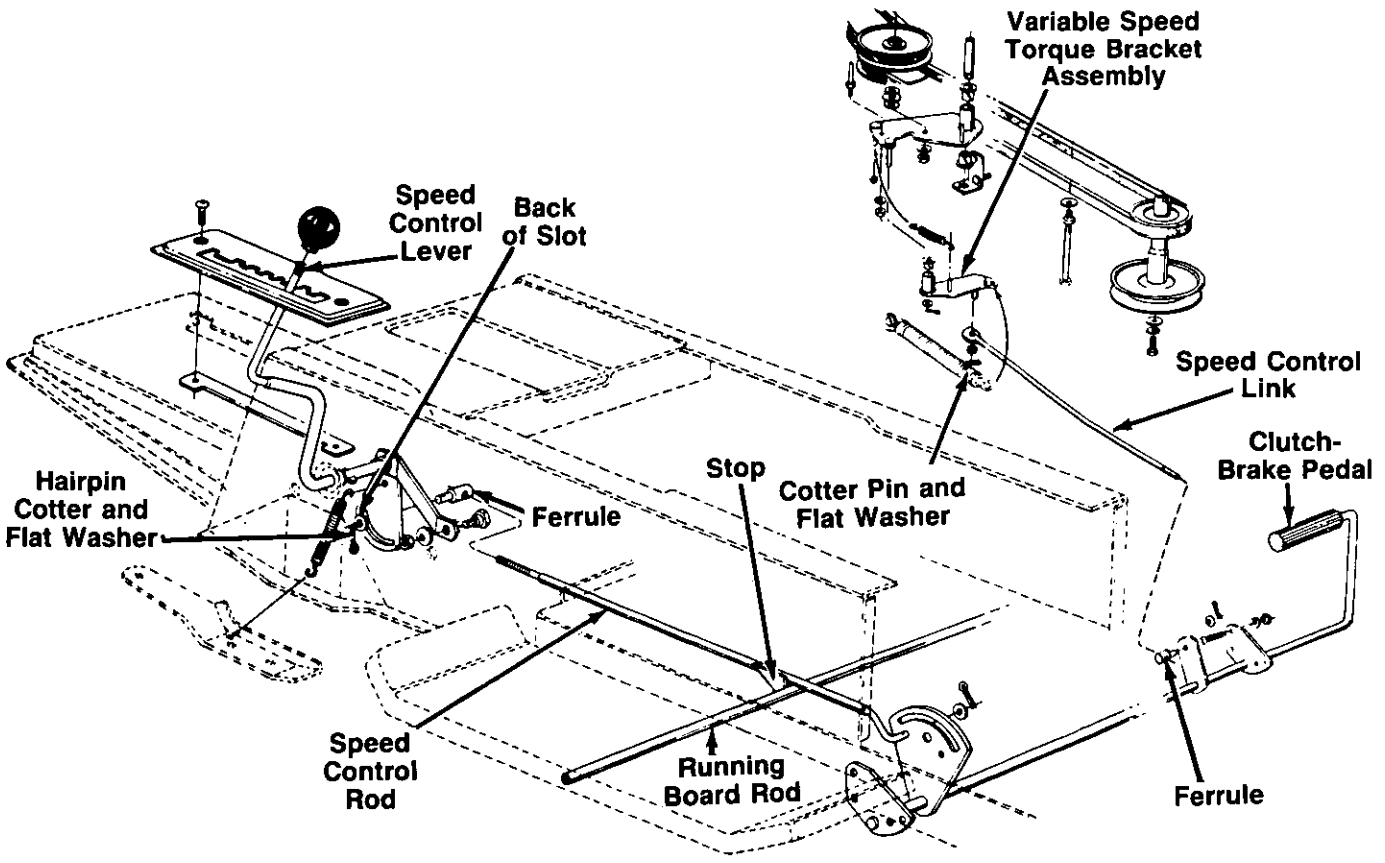


FIGURE 12.

NEUTRAL ADJUSTMENT

1. Place the transmission in neutral. (The unit will move freely when pushed forward and backward with the parking brake released).
2. Loosen the bolt which secures the shift lever assembly to the shift lever link. See figure 13.
3. Place the shift lever in the neutral slot. See figure 13.
4. Tighten the bolt to 13 foot pounds.

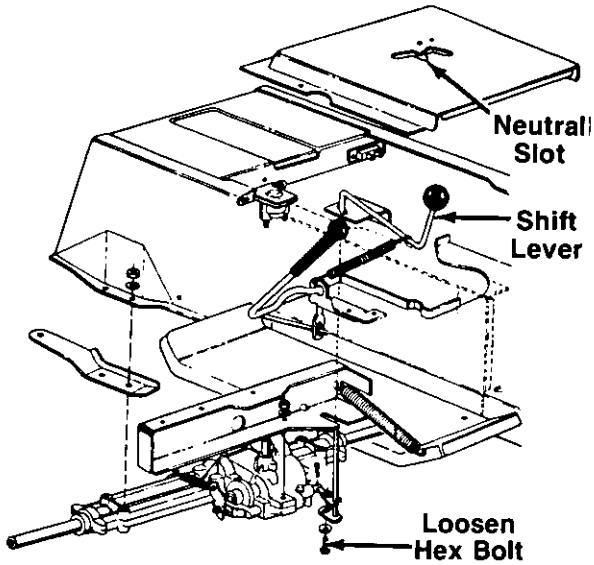


FIGURE 13.

WHEEL ADJUSTMENT

The caster (forward slant of the king pin) and the camber (tilt of the wheels out at the top) require no adjustment. Automotive steering principles have been used to determine the caster and camber on the tractor. The front wheels should toe-in 1/8 inch.

To adjust the toe-in, follow these steps.

1. Remove the hex nut and lock washer, and drop the tie rod end from the wheel bracket. See figure 14.
2. Loosen the hex jam nut on tie rod.
3. Adjust the tie rod assembly for correct toe-in.

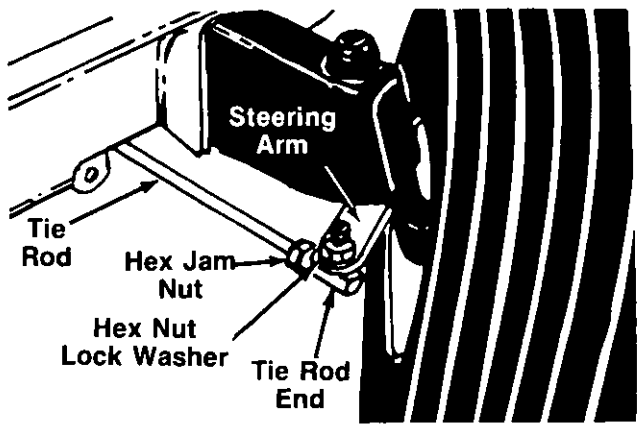


FIGURE 14.

Dimension "B" should be approximately 1/8" less than Dimension "A." See figure 15.

A.) To increase Dimension "B," screw tie rod into tie rod end.

B.) To decrease Dimension "B," unscrew tie rod from tie rod end.

C.) Reassemble tie rod. Check dimensions. Readjust if necessary.

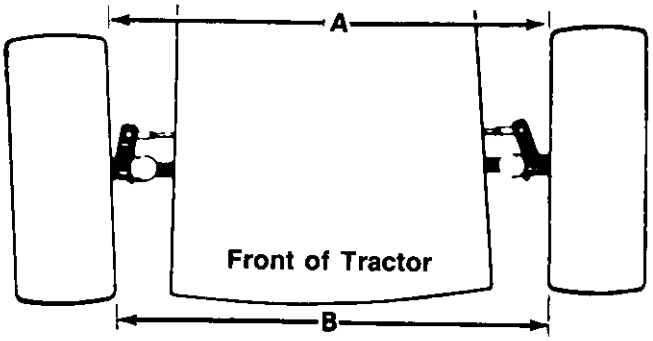


FIGURE 15. TOE-IN DIAGRAM

CARBURETOR ADJUSTMENT

WARNING

If any adjustments are made to the engine while the engine is running (e.g. carburetor), disengage all clutches, and blades. Keep clear of all moving parts. Be careful of heated surfaces and muffler.

Minor carburetor adjustment may be required to compensate for differences in fuel, temperature, altitude and load. To adjust the carburetor, refer to the separate engine manual packed with your unit.

NOTE

A dirty air cleaner will cause an engine to run rough. Be certain air cleaner is clean and attached to the carburetor before adjusting carburetor. Refer to the separate engine manual.

BRAKE ADJUSTMENT (See figure 16)

The brake is located by the right rear wheel inside the frame. During normal operation of this machine, the brake is subject to wear and will require periodic examination and adjustment.

CAUTION

Do not have the engine running when you adjust the brake.

To adjust the brake, remove the cotter pin. Adjust the castle nut so the brake starts to engage when the brake lever is ¼" to 5/16" away from the axle housing.

NOTE

Figure 16 is shown with the unit tipped up on rear wheels for clarity only.

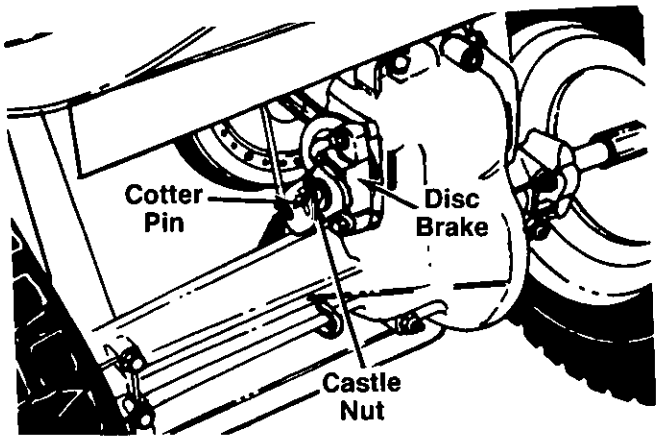


FIGURE 16.

LUBRICATION

WARNING

Always stop engine and disconnect spark plug wire before cleaning, lubricating or doing any kind of work on lawn tractor.

STEERING GEARS

Lubricate teeth of steering gears with automotive multi-purpose grease after every 25 hours of operation or once a season. See figure 17.

STEERING SHAFT

Lubricate steering shaft at least once a season with light oil.

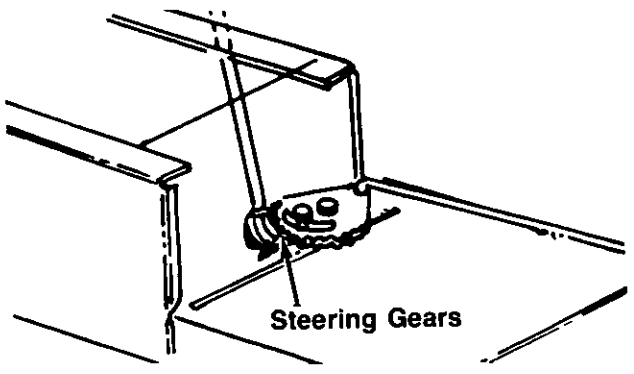


FIGURE 17.

TRANSAXLE

The transaxle is lubricated and sealed at the factory and does not require checking. If disassembled for any reason, lubricate with 10 oz. of grease, part number 737-0148.

FRONT WHEELS

The front wheels are provided with grease fittings. Lubricate at least once a season with automotive multi-purpose grease.

PIVOT POINTS

Lubricate all pivot points with light oil at least once a season.

MAINTENANCE

WARNING

Disconnect the spark plug wire and ground against the engine before performing any repairs or maintenance.

TROUBLE SHOOTING

Refer to page 20 of this manual for trouble shooting information.

CRANKCASE OIL

Check the oil level in the crankcase before each use of the machine and after every five hours of operation. Oil level should be maintained as instructed in the separate engine manual.

After the first five hours of operating a new engine, drain the oil from the crankcase while engine is still hot and refill crankcase with new oil; thereafter change the oil every 25 hours of operation. Refer to the engine manual.

AIR CLEANER

Under normal operating conditions, the air cleaner, located on top of the carburetor, must be serviced after every ten hours of use. Under extremely dusty operating conditions, the air cleaner must be serviced after every hour of operation. To service the air cleaner, refer to the separate engine manual packed with your unit.

CLEANING ENGINE AND BLADE HOUSING

Any fuel or oil spilled on the machine should be wiped off promptly. Grass, leaves, and other dirt must not be left to accumulate around the cooling fins of the engine or on any part of the machine.

Clean the underside of the blade housing after each mowing.

SPARK PLUG

The spark plug should be cleaned and the gap reset once a season. Spark plug replacement is recommended at the start of each mowing season; check engine manual for correct plug type and gap specification.

CUTTING BLADES

A. Removal for Sharpening or Replacement

WARNING

Be sure to disconnect and ground the spark plug wire and remove ignition key before working on the cutting blades to prevent accidental engine starting. Protect hands by using heavy gloves or a rag to grasp the cutting blades.

Remove the large bolt and lock washer which holds the blade and adapter to the blade spindle. Remove the blade and adapter from the spindle.

If the blade or blade adapter needs replacing, remove the two small bolts, lock washers and nuts which hold the blade to the adapter.

B. Sharpening

Remove the cutting blade by following the directions of the preceding section.

When sharpening the blade, follow the original angle of grind as a guide. It is **extremely important** that each cutting edge receives an equal amount of grinding to prevent an unbalanced blade. An unbalanced blade will cause excessive vibration when rotating at high speeds, may cause damage to the mower and could break, causing personal injury.

The blade can be tested for balance by balancing it on a round shaft screwdriver. Remove metal from the heavy side until it balances evenly.

NOTE

It is recommended that the blade always be removed from the adapter for the best test of balance.

C. Reassembly

Before reassembling the blade and the blade adapter to the unit, lubricate the spindle and the inner surface of the blade adapter with light oil. Lubricating the bolt holes, bolts and inner surface of the nuts with light oil is also recommended. A 4 oz. plastic bottle of light oil lubricant is available. Order part number 737-0170. Engine oil may also be used.

When replacing the blade, be sure to install the blade with the side of the blade marked "Bottom" (or with part number) facing the ground when the mower is in the operating position.

Blade Mounting Torque

3/8" Dia. Bolt 375 in. lb. min., 450 in. lb. max.
5/16" Dia. Bolt 150 in. lb. min., 250 in. lb. max.

To insure safe operation of your unit, ALL nuts and bolts must be checked periodically for correct tightness.

Blade Spindle Nuts

If disassembled for any reason, tighten the blade spindle nuts for the 22" blades to between 80 and 100 foot pounds. Tighten the blade spindle nut for the smaller center blade to between 40 and 45 foot pounds.

FUEL FILTER

Your unit is equipped with a replaceable in-line fuel filter. Replace filter whenever contamination or discoloration is noticed. Order replacement filter through your engine authorized service dealer.

BELT REMOVAL AND REPLACEMENT

WARNING

Disconnect the spark plug wire and ground it against the engine. Block the wheels of the unit.

NOTE

Figures 19 through 21 are shown with the unit tipped up for clarity. It is not necessary to tip the unit to remove the belts.

Rear Drive Belt

1. Remove the two truss head screws which secure the transmission cover.
2. Lift the transmission cover. Unplug the safety wire from beneath the transmission cover, Remove transmission cover.
3. Push the idler pulley toward the right side of the unit. Lift the belt over the idler pulley. See figure 18.
4. Remove the belt from the variable speed pulley.
5. Remove the two bolts which hold the shift lever bracket to the frame on the left side of the unit. Swing the bracket toward the right so the belt can be removed from the transmission pulley. See figure 18.
6. Replace belt, and reassemble in reverse order.

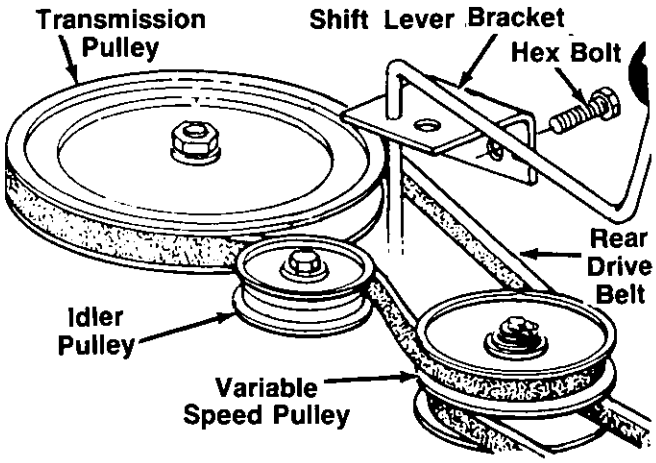


FIGURE 18.

Front Drive Belt

1. To remove the front drive belt, first remove the rear drive belt from the idler pulley and variable speed pulley.
2. Place the lift lever in the disengaged position.
3. Remove the hex bolts (belt keepers) from the engine pulley belt guard. Refer to deck manual.

NOTE

Make certain hex bolts are reassembled as shown in the separate deck manual.

4. Unhook the deck belt from the engine pulley.
5. Remove the two bolts, lock washers and nuts on each side of the frame which hold the engine pulley belt guard to the frame. See figure 19.

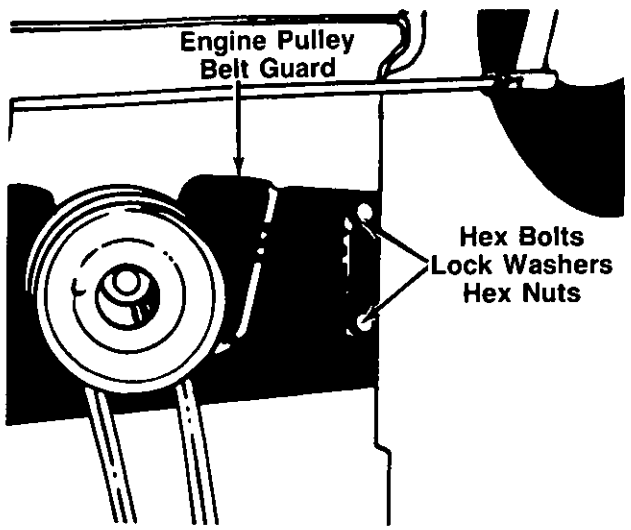


FIGURE 19.

6. Remove the engine pulley belt guard by slipping it back and to the right. See figure 20.

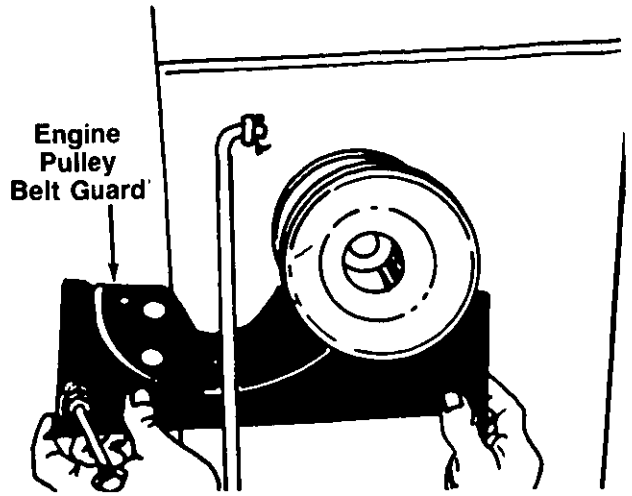


FIGURE 20.

7. Place the clutch-brake pedal in park position.
8. Push forward on the variable speed pulley, and lift the belt off the engine and remove the belt from the engine pulley.
9. Release the clutch-brake pedal. Using the pedal to move the variable speed pulley as necessary, lift the belt up and off the variable speed pulley.

NOTE

When reassembling, make certain belt is inside the pins. See figure 21.

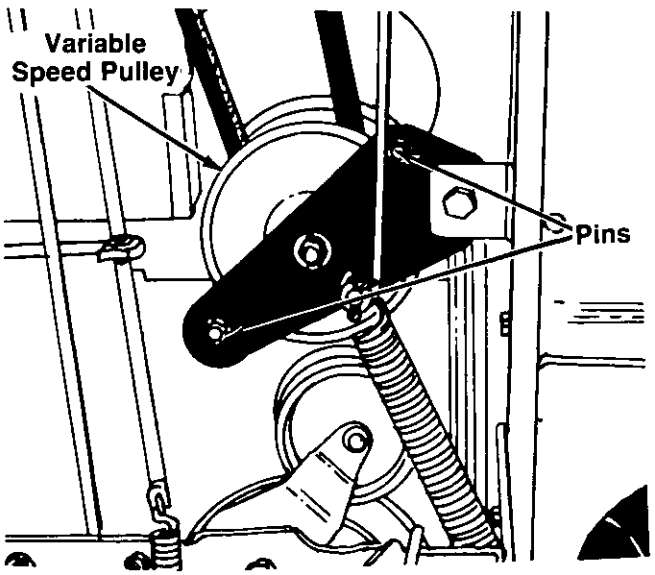


FIGURE 21.

10. Reassemble with a new belt, following instructions in reverse order.

BATTERY REMOVAL OR INSTALLATION

When removing the battery, follow this order of disassembly to prevent the screwdriver from shorting against the frame.

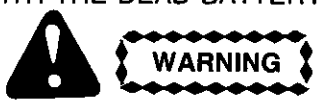
1. Remove the Negative cable.
2. Remove the Positive cable.

To install a battery:

1. Attach the Positive cable.
2. Attach the Negative cable.

JUMP STARTING

1. Attach the first jumper cable from the Positive terminal of the good battery to the Positive terminal of the dead battery.
2. Attach the second jumper cable from the Negative terminal of the good battery to the FRAME OF THE UNIT WITH THE DEAD BATTERY.



Failure to use this starting procedure could cause sparking, and the gas in either battery could explode.

BATTERY MAINTENANCE

1. Check periodically (every two weeks or before and after charging) to be sure electrolyte level is above the lowest line on battery. Add only distilled water or a good quality drinking water. NEVER add additional acid or other chemicals to battery after initial activation.
2. The battery should be checked with a hydrometer after every 25 hours of operation. If the specific gravity is less than 1.225, remove battery and recharge.
3. Coat the terminals and exposed wiring with a thin coat of grease or petroleum jelly for longer service and protection against electrolyte corrosion.
4. The battery should be kept clean. Any deposits of acid should be neutralized with soda and water. Be careful not to get this solution in the cells.

BATTERY STORAGE

1. Charge battery using normal methods. NEVER store discharged battery as it will not recover.
2. When storing battery for extended periods, disconnect battery cables. Removing battery from unit is recommended.
3. Store in cold, dry place.
4. Recharge battery whenever the specific gravity is less than 1.225, before returning to service, or every two months, whichever occurs first.

COMMON CAUSES FOR BATTERY FAILURE ARE:

1. Overcharging
2. Undercharging
3. Lack of water
4. Loose holds downs and/or corroded connections
5. Excessive loads
6. Battery electrolyte substitutes
7. Freezing of electrolyte

NOTE

THESE FAILURES DO NOT CONSTITUTE WARRANTY.

INSTALLATION OF TIRE TO RIM

The following procedure must be followed when removing or installing a tire to the rim.

1. Be sure rim is clean and rust free.
2. Lubricate both the tire and rim generously.
3. Never inflate to over 30 p.s.i. to seat beads. Excessive inflation pressure when seating beads may cause tire/rim assembly to burst with force sufficient to cause serious injury.

OFF-SEASON STORAGE

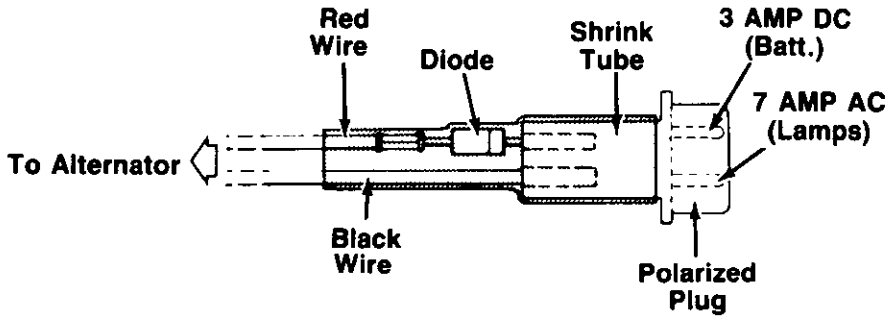
If the machine is to be inoperative for a period longer than 30 days, prepare for storage as follows.

1. Clean the engine and the entire unit thoroughly.
2. Lubricate all lubrication points. Wipe the entire machine with an oiled rag to protect the surfaces.
3. Refer to the engine manual for correct engine storage instructions. The engine must be completely drained of fuel to prevent gum deposits from forming on essential carburetor parts, fuel lines and fuel tanks.
4. Refer to battery storage instructions in previous column.
5. Store unit in a clean, dry area.

NOTE

When storing any type of power equipment in an unventilated or metal storage shed, care should be taken to rustproof the equipment. Using a light oil or silicone, coat the equipment, especially any chains, springs, bearings and cables.

TROUBLE SHOOTING CHART FOR ELECTRIC START MODELS

TROUBLE	LOOK FOR	REMEDY
Engine will not crank	Battery installed incorrectly	The battery must be installed with the negative terminal, identified at the terminal post by (Neg, N or −), grounded. The positive terminal (Pos, P or +) attaches to the large cable from the solenoid. The small red wire from the fuse holder or circuit breaker is also attached to the positive terminal.
	Blown fuse or circuit breaker	Replace fuse with 7½ amp. fuse ¼ x 1¼" lg. Circuit breaker will reset itself when it cools off. Fuses or circuit breakers seldom open or fail without a reason. The problem must be corrected. Check for loose connections in the fuse holder. Replace fuse holder if necessary. A dead short may be in the cranking or charging circuit where the insulation may have rubbed through and exposed the bare wire. Replace the wire or repair with electrician's tape if the wire strands have not been damaged. Note: Look for a wire pinched between body panels, burned by the exhaust pipe or muffler or rubbed against a moving part.
	Battery is dead or weak	Use a hydrometer to check the condition of the battery. The Specific Gravity (s.g.) should be 1.265 at 80°F. (1.215 s.g. minimum needed for cranking engine). The reason for the battery failing must be determined. (1) Defective battery. Battery will not accept or hold a full charge. (2) Short circuit. Check for grounded wire. (3) Charging system not working. The charging system is an alternator located under the flywheel. It is unregulated and rated 3 amp. at 3600 r.p.m. A diode (rectifier) is located in the output lead just before the wire harness plug on the engine side.  The diode changes A.C. to D.C. to charge the battery. A bad diode can either fail to charge the battery or discharge the battery if the alternator is shorted as well as the diode. To test: (1) Disconnect charger lead from the battery (small red wire). (2) Connect 12 V small test lamp between the 3 amp. D.C. charge lead and the positive terminal of the battery. (3) With the engine off, the lamp should not light. If it does, the diode and possibly the alternator should be replaced. (4) Start the engine. The lamp should light. If it does not, the alternator (stator) or lead wire is bad and should be replaced.
	Mechanical failure (Wires and switches)	The interlock system includes two mechanical activated switches which are wired in series in the circuit used to energize the starter solenoid. While testing the interlock system, you will make the mower temporarily unsafe by permitting the engine to be started with the blade and clutch engaged. WARNING: While testing, disengage the clutch, shut off the blade control, set the parking brake and place the gear shift lever in neutral. Attach a wire (minimum 18 gauge) to the positive terminal of the battery and touch the other end to the small terminal on the solenoid. **If the engine does not crank:** (1) There is a loose connection or poor ground. (2) The solenoid may be bad. The solenoid can be checked by using a heavy wire (#8 gauge minimum) and jumping between the two large terminals. If the engine cranks, the solenoid is bad. (3) If the engine does not crank when you jump the solenoid, have the starter motor tested by an authorized engine dealer. If the engine does crank, the problem is with one of the safety switches, ignition switch or the wire between the fuse holder (or circuit breaker) and the small terminal on the solenoid. Note: Look for a poor connection at the switches or a defective switch. Replace if necessary.
Engine cranks but will not start	Throttle or choke not in starting position	Check owner's guide for correct position for throttle control and choke for starting.
	No spark to spark plug	Spark plug lead disconnected. Connect lead. Hold spark plug lead away from engine block about 1/8". Crank engine. There should be a spark. If not, have engine repaired at authorized engine service dealer. Faulty spark plug. To test, remove spark plug. Attach spark plug lead to spark plug. Ground the spark plug body against the engine block. Crank the engine. The spark plug should fire at the electrode. Replace if it does not.

TROUBLE SHOOTING CHART FOR ELECTRIC START MODELS

TROUBLE	LOOK FOR	REMEDY
	No fuel to the carburetor	Gasoline tank empty. Fill. Fuel line or in-line fuel filter plugged. Remove and clean fuel line. Replace filter if necessary.
	Air filter dirty	If the air cleaner is dirty, the engine may not start. Clean or replace as recommended by the engine manufacturer.
Engine smokes	Engine loses crankcase vacuum	Dipstick not seated or broken. Replace defective part. Engine breather defective. Replace.
Excessive vibration	Bent or damaged blade spindle	**Stop engine immediately.** Check all pulleys, blade adapters, keys and bolts for tightness and damage. Tighten or replace any damaged parts.
	Bent blade	**Stop engine immediately.** Replace damaged blade. Only use original equipment blades.
Mower will not discharge grass or leaves uncut strips	Engine speed low Transmission selection Blades short or dull	Throttle must be set between 3/4 and full throttle. Use lower transmission speed. The slower your ground speed, the better the quality of cut. Sharpen or replace blades (uncut strip problem only).

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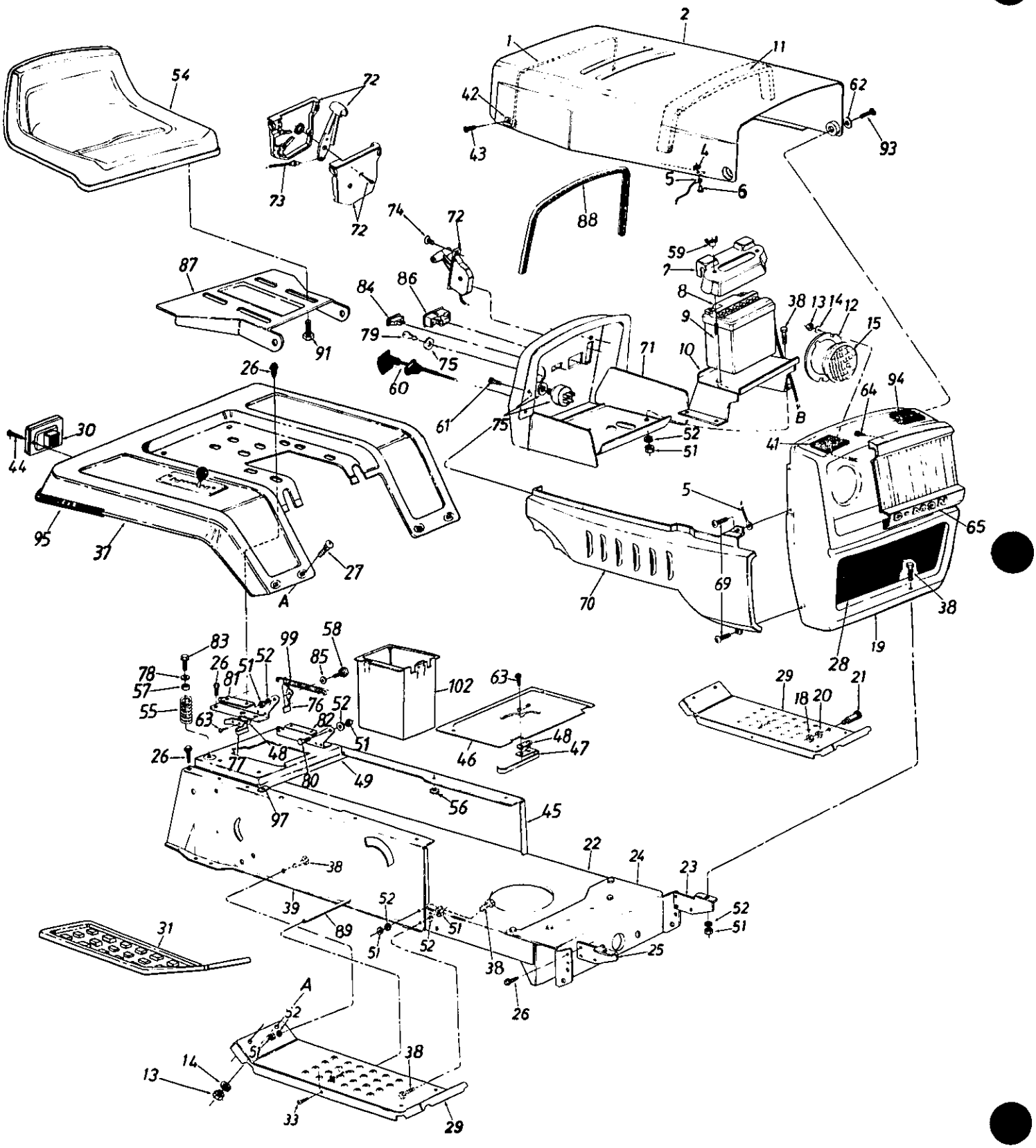
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PARTS LIST FOR MODEL 13665 LAWN TRACTOR

REF. NO.	PART NO.	COLOR CODE	DESCRIPTION	NEW PART
1	732-0559		Hood Spring	
2	16646		Hood	
4	736-0931		Fl-Wash. .203" I.D.	
5	723-0302		Hood Stop 7" Lg.	
6	728-0123		Pop Rivet .188" Dia.	
7	731-0707		Battery Cover	
8	725-0453		12 Volt Battery	
9	711-0222		Battery Hold Down Rod	
10	12747		Battery Bracket	
11	722-0138		PVC Foam—Strip	
12	09960		Headlight Retainer	
13	712-0287		Hex Nut ¼-20 Thd.*	
14	736-0329		L-Wash. ¼" I.D.*	
15	725-0222		Headlight	
18	712-0798		Hex Nut 3/8-16 Thd.*	
19	14779		Grille Ass'y.	
20	736-0169		L-Wash. 3/8" I.D.*	
21	738-0145		Shld. Bolt .50" Dia. x .84	
22	15930		Lower Frame	
23	16644		Grille Mount Brkt.	
24	14619		Front Pivot Brkt.	
25	16643		Grille Mount Brkt.	
26	710-0726		Hex Wash. Hd. AB-Tap Scr. 5/16 x .75" Lg.	
27	710-0167		Carriage Bolt ¼-20 x .50" Lg.*	
28	13730		Grille Insert	
29	14604		Running Board (R.H. & L.H.)	
30	725-1128		Taillight	
31	731-0909		Foot Pad—L.H.	N
	731-0910		Foot Pad—R.H.	N
33	710-0323		Truss Mach. Scr. 5/16-18 x .75" Lg.*	
37	17235		Fender	N
38	710-0118		Hex Bolt 5/16-18 x .75" Lg.*	
39	14602		R.H. Side Frame	
41	722-0157		Foam Strip	
42	731-0895		Hood Spring Retainer	
43	710-0697		Self-Tap Scr. .5" Lg.	
44	710-0936		Truss AB-Tap Scr. #6 x .62" Lg.	
45	14603		L.H. Side Frame	
46	17286		Shift Cover	N
47	725-0759		Reverse Safety Switch	
48	726-0222		Insulator Nut Plate	
49	17226		Hitch Plate	N
51	712-0267		Hex Nut 5/16-18 Thd.*	
52	736-0119		L-Wash. 5/16" I.D.*	
54	757-0338		Seat Ass'y.	N
55	732-0588		Compression Spring	N
56	736-0607		Ext. L-Wash. 5/16" I.D.	
57	722-0160		Bushing	N
58	738-0296		Shld. Bolt .437" Dia. x .268"	
59	712-0113		Wing Nut ¼-20 Thd.—Plastic	
60	746-0613		Choke Control 46" Lg.	
61	710-0351		Truss Mach. Tap Scr. #10 x .50" Lg.	
62	736-0413		Washer .39" I.D. x .62" O.D.	
63	710-0227		Hex Wash. Hd. AB-Tap Scr. #8 x .50	
64	710-0200		Self-Tap Scr. #8 x .5" Lg.	
65	731-0501		Bezel	
69	710-0255		Truss Hd. Scr. ¼-20 x .75" Lg.*	
70	16280		R.H.—Grille Side Panel	
	16283		L.H.—Grille Side Panel	
71	17317		Dash Panel Ass'y.	N
72	831-0823		Throttle Control Box Ass'y.	
73	746-0634		Throttle Control Wire—35"	
74	710-0779		Truss Mach. AB-Tap Scr. #10 x .5" Lg.	
75	725-0267		Ignition Switch	
76	17239		Seat Lift Bracket	N
77	725-1303		Spring Switch	N
78	736-0159		Fl-Wash. .344" I.D.	
79	725-0201		Ignition Key	
80	738-0155		Shld. Bolt .437" Dia. x .162"	
81	17244		Seat Pivot Brkt. Support—R.H.	N
82	17243		Seat Pivot Brkt. Support—L.H.	N
83	710-0602		Hex Hd. Tap Scr. 5/16-18 x 1" Lg.	
84	725-0634		Light Switch	
85	736-0141		Spr-Wash. .445" I.D. x .75" O.D.	
86	725-0925		Ammeter	
87	15607		Seat Pivot Bracket	
88	731-0511		Molding Strip 27" Lg.	
89	738-0526		Running Board Rod	
91	710-0623		Hex Wash. Hd. Tap Scr. 3/8-16 x .75" Lg.	
93	738-0724		Shld. Bolt .375 Dia. x .125	
94	712-0380		L-Nut ¼-28 Thd.	
95	731-0511		Trim Strip 31.0" Lg.	
97	726-0139		Speed Nut #10Z	
99	732-0581		Extension Spring 5.31" Lg.	N
102	731-0873		Utility Box	N

*For faster service obtain standard nuts, bolts and washers locally. If these items cannot be obtained locally, order by part number and size as shown on parts list.

(621—Brilliant Fire Mist)

If color or finish is important when ordering parts, use the appropriate color code shown above [i.e. (part no.)-621 for Brilliant Fire Mist Finish].

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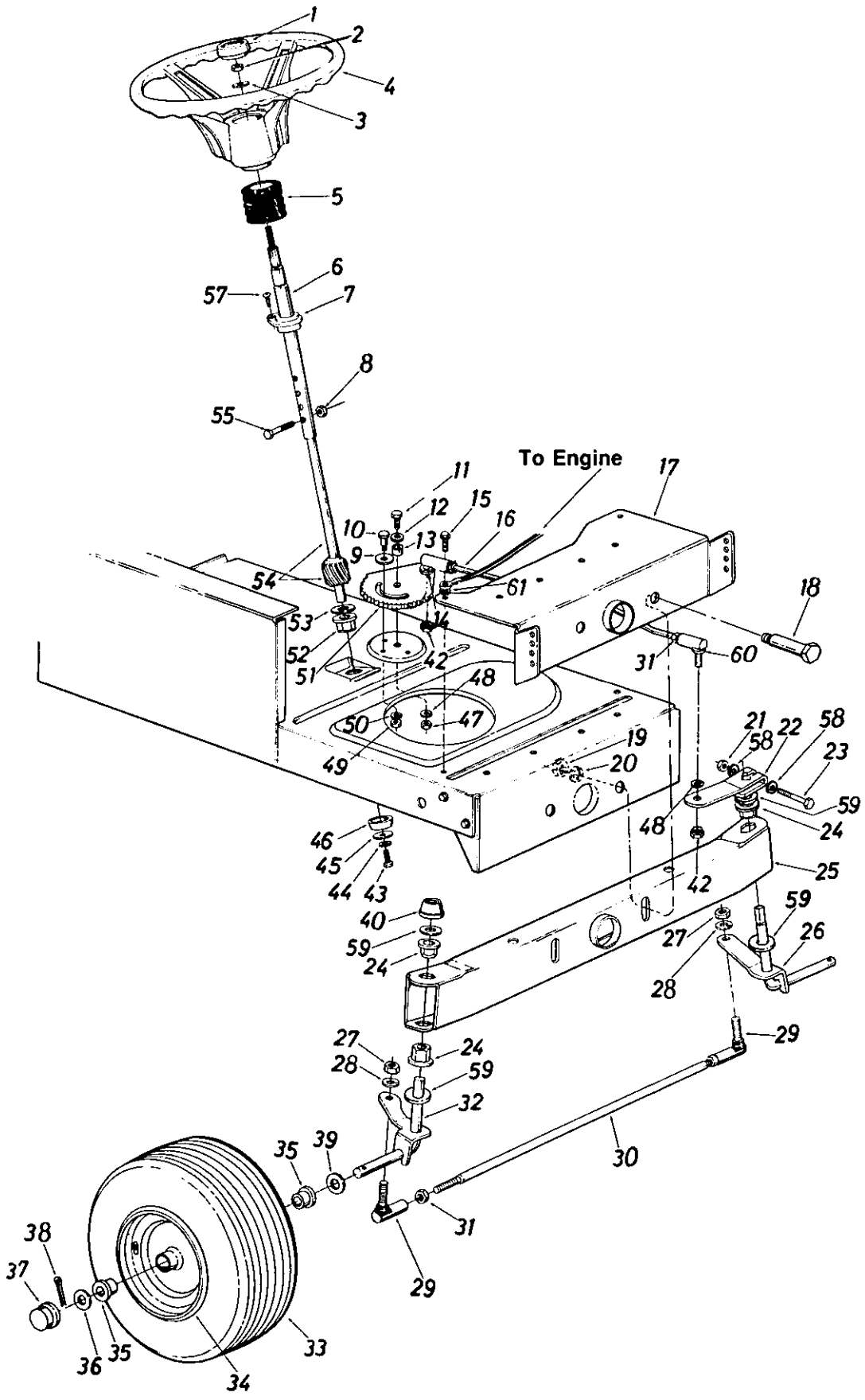

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PARTS LIST FOR MODEL 13665 LAWN TRACTOR

REF. NO.	PART NO.	COLOR CODE	DESCRIPTION	NEW PART	REF. NO.	PART NO.	COLOR CODE	DESCRIPTION	NEW PART
1	731-0220		Steering Wheel Cap		30	711-0613		Tie Rod	
2	712-0237		Hex L-Nut 5/16-24 Thd.		31	712-0711		Hex Jam Nut 3/8-24 Thd.*	
3	736-0242		Belleville Wash. .345" I.D.		32	14650		Front Axle Ass'y.—R.H.	
4	731-0806		Steering Wheel		33	**		Wheel Ass'y. Comp.	
5	731-0559		Steering Bellow		34	**		Front Wheel Rim Only	
6	16512		Steering Column Ass'y.		35	741-0487		Bearing	
7	741-0356		Flange Bearing .890 I.D. x 1.36 O.D.		36	736-0285		Fl-Wash. .635" I.D. x 1.59" O.D.	
8	712-0324		Hex L-Nut ¼-20 Thd.		37	731-0541		Front Wheel Hub Cap	
9	736-0319		Fl-Wash. .438" I.D. x 1.37"		38	714-0470		Cotter Pin 1/8" Dia. x 1.25" Lg.*	
10	738-0141		Shoulder Bolt .437" Dia. x .35 Lg. 5/16-18 Thd.		39	736-0187		Fl-Wash. .640" I.D. x .24" O.D.	
11	710-0152		Hex Bolt 3/8-24 x 1.0" Lg. (Grade 5)		40	726-0214		Push Cap 5/8" Dia. Rod	
12	736-0219		Bell-Wash. .400" I.D. x 1.13"		42	712-0711		Hex Jam Nut 3/8-24 Thd.*	
13	750-0535		Spacer .380" I.D. x .625" O.D.		43	710-0538		Hex L-Bolt 5/16-18 x .62"*	
14	736-0169		L-Wash. 3/8" I.D.*		44	736-0119		L-Wash. 5/16" I.D.*	
15	710-0726		Hex Wash. Hd. Self-Tap Scr.		45	736-0343		Fl-Wash. .33" I.D. x 1.25" O.D.	
16	711-0788		Steering Drag Link		46	750-0532		Spacer (Plastic)	
17	14619		Front Pivot Brkt.		47	712-0241		Hex Nut 3/8-24 Thd.*	
18	738-0527		Shoulder Bolt .498" Dia. x 2.04 Lg. 3/8-16 Thd.		48	736-0169		L-Wash. 3/8" I.D.*	
19	712-0798		Hex Nut 3/8-16 Thd.*		49	712-0267		Hex Nut 5/16-18 Thd.*	
20	736-0169		L-Wash. 3/8" I.D.*		50	736-0119		L-Wash. 5/16" I.D.*	
21	712-0237		Hex Cent. L-Nut 5/16-24 Thd.		51	717-0622		Steering Gear Segment	
					52	741-0225		Hex Flg. Brg. .634 I.D.	
					53	736-0187		Fl-Wash. (Hardened)	
22	16481		Steering Arm Front Axle		54	738-0522		Steering Shaft Lower	
23	710-0772		Hex Bolt 5/16-24 x 2.00" Lg. (Grade 5)		55	710-0958		Hex Bolt ¼-20 x 1.31" Lg.	
					57	710-0837		Oval Hd. Cr.—Sunk Scr. #10 x 5/8" Lg.	
24	741-0225		Hex Flg. Brg. .634 I.D.						
25	14608		Pivot Bar Ass'y.		58	736-0271		Wave Wash. .32" I.D. x .62"	
26	16479		Front Axle Ass'y.—L.H.		59	736-0187		Fl-Wash. (Hardened)	
27	712-0241		Hex Nut 3/8-24 Thd.*		60	723-3018		Drag Link Ball Joint 3/8-24 Thd.	
28	736-0169		L-Wash. 3/8" I.D.*						
29	723-3018		Ball Joint 3/8-24 Thd.		61	736-0607		Ext. L-Wash. 5/16" I.D.	

*For faster service obtain standard nuts, bolts and washers locally. If these items cannot be obtained locally, order by part number and size as shown on parts list.

**FRONT WHEEL CHART

Description	Part No.
Wheel Assembly Comp.	734-0863
Tire Only	734-0864
Rim Only	734-0997
Bearing	741-0487
Air Valve	734-0255
Grease Fitting	737-0146

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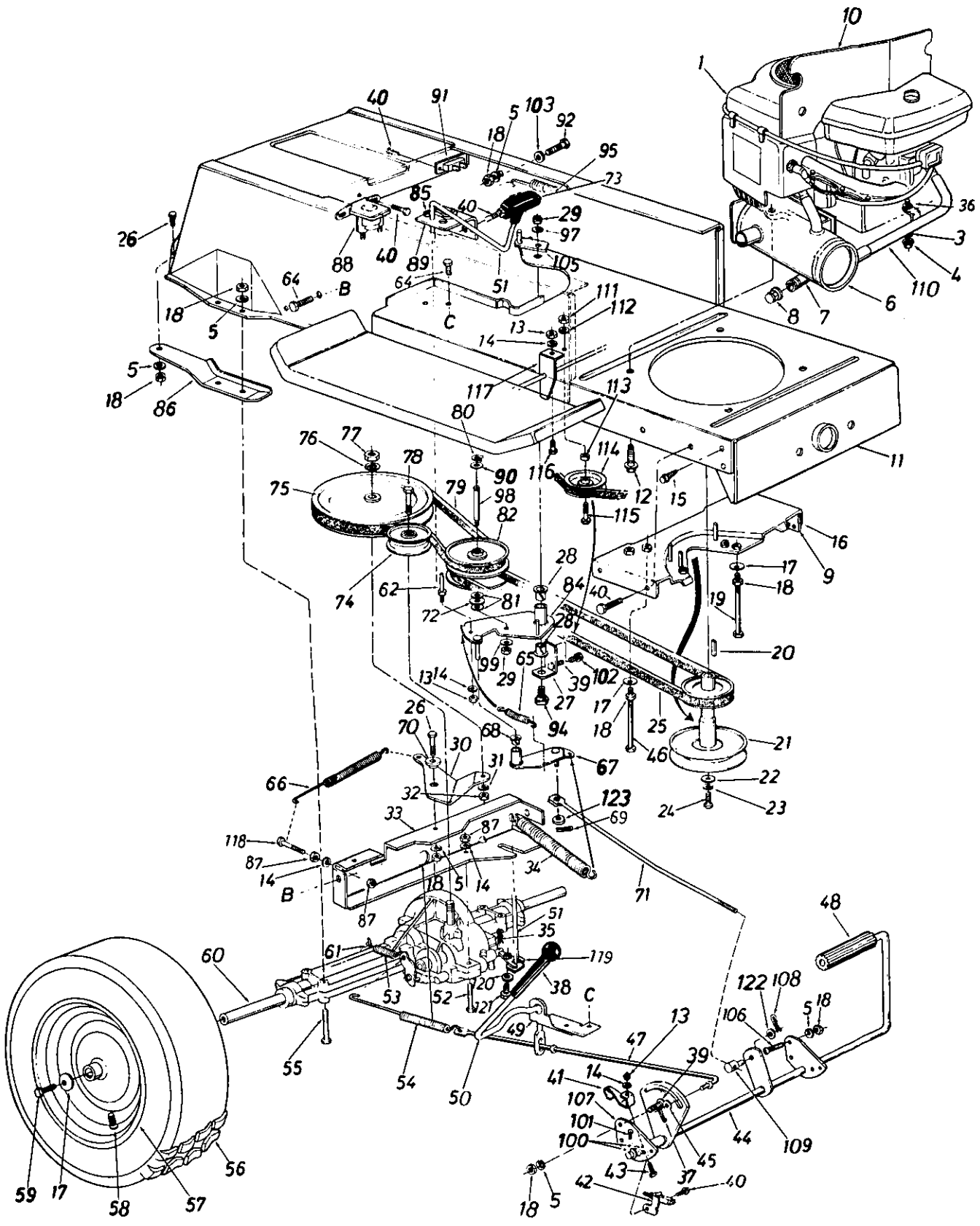

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PARTS LIST FOR MODEL 13665 LAWN TRACTOR

REF. NO.	PART NO.	COLOR CODE	DESCRIPTION	NEW PART
1	—		Engine	
3	736-0170		Special L-Wash. 5/16" I.D.	
4	712-0267		Hex Nut 5/16-18 Thd.*	
5	736-0119		L-Wash. 5/16" I.D.*	
6	751-0444		Exhaust Muffler	
7	737-0164		Pipe Nipple	
8	737-0143		Cap Oil Drain	
9	16371		Brake Cable Brk't.	
10	16215		Heat Shield	
11	15930		Lower Frame Ass'y.	
12	710-0502		Hex Wash. Hd. TT-Tap Scr. 3/8-16 x 1.25" Lg.	
13	712-0287		Hex Nut ¼-20 Thd.*	
14	736-0329		L-Wash. ¼" I.D.*	
15	710-0726		Hex Wash. Hd. AB-Tap Scr. 5/16" x .75" Lg.	
16	16219		Belt Guard Brkt. Ass'y.	
17	736-0242		Bell-Wash. .345" I.D. x .88"	
18	712-0267		Hex Nut 5/16-18 Thd.*	
19	710-0190		Hex Bolt 5/16-18 x 4.00"*	
20	714-0114		Sq. Key ¼" x ¼" x 2.00"	
21	756-0424		Engine Pulley	
22	736-0322		Fl-Wash. 7/16" I.D. x 1.25"	
23	736-0171		L-Wash. 7/16" I.D.*	
24	710-0757		Hex Bolt 7/16-20 x 1.50" Lg.	
25	754-0280		Variable-Speed Belt	
26	710-0118		Hex Bolt 5/16-18 x .75" Lg.*	
27	16553		Bearing Shaft Bracket Ass'y.	
28	741-0295		Flanged Nyliner Brg. 5/8" I.D. x .88" Lg.	
29	712-0241		Hex Nut 3/8-24 Thd.*	
30	15891		Idler Bracket	
31	736-0169		L-Wash. 3/8" I.D.*	
32	712-0241		Hex Nut 3/8-24 Thd.*	
33	15945		Transaxle Support Brkt.	
34	732-0459		Ext. Spring .94" O.D. x 6.7	
35	714-0149		Inter. Cotter Pin	
36	736-0204		Fl-Wash. .34" I.D. x .62" O.D. x .033	
37	714-0507		Cotter Pin 3/32" Dia. x .75"*	
38	720-0143		Grip—Black	
39	710-0323		Truss Mach. Scr. 5/16-18 x .75" Lg.	
40	710-0599		Hex Wash. Hd. Self-Tap Scr. ¼-20 x .50" Lg.	
41	732-0582		Switch Actuator	N
42	725-0577		Safety Switch	
43	710-0597		Hex Bolt ¼-20 x 1.0" Lg.*	
44	16235		Clutch & Brake Pedal Ass'y.	
45	736-0117		Fl-Wash.	
46	710-0402		Hex Bolt 5/16-18 x 4.5"*	
47	747-0519		Brake Rod 20.9" Lg.	
48	735-0196		Foot Pad	
49	15889		Brake Lever Bracket	
50	15888		Hill Holder Brake Handle	
51	16430		Shift Lever Ass'y.	
52	710-0559		Hex Bolt ¼-28 x 1.75" Lg.*	
53	732-0264		Ext. Spring .38" O.D. x 2.5"	
54	732-0413		Ext. Spring .59" O.D. x 7.08"	
55	710-0176		Hex Bolt 5/16-18 x 2.75"*	
56	734-0817		Wheel Ass'y. Comp.	
	734-0448		Tire Only	
57	734-0603		Wheel Rim Only	
58	734-0255		Air Valve (Service Only)	
59	710-0627		Hex Bolt 5/16-24 x .75" Lg.*	
60	717-1050		Transaxle Complete—R.H.	
61	732-0454		Brake Return Spring Anchor	
62	711-0768		Belt Guard Pin ¼-20 Thd.	
64	710-0604		Hex Wash. TT-Tap Scr. 5/16 x .62" Lg.	
65	732-0568		Ext. Spring	
66	732-0384		Ext. Spring .62" O.D. x 6.12"	
67	16554		Variable Speed Torque Brkt. Ass'y.	
68	741-0419		Flanged Bearing	
69	714-0507		Cotter Pin 3/32" Dia.*	
70	748-0234		Shoulder Spacer .500" Dia. x .27" Lg.	
71	747-0530		Speed Control Link	
72	741-0405		Truss Bearing .56 Dia. x 1.25"	
73	720-0210		Ball Knob	
74	756-0437		Fl-Idler Pulley 3.25" x .75"	
75	756-0374		½" "V"-Pulley 8.0" O.D. x .501" I.D.	
76	736-0921		L-Wash. ½" I.D.*	
77	712-0922		Hex Jam Nut ½-20 Thd.*	
78	710-0539		Hex Bolt 3/8-24 x .75" Lg.*	
79	754-0281		Variable Speed Belt	
80	716-0114		Snap Ring .56" Dia.	
81	736-0355		Fl-Wash.	
82	717-0800		Variable Speed Pulley Ass'y. 5" O.D.	
84	16354		Variable Speed Brkt. Ass'y.	
85	732-0525		Comp. Spring Clip	
86	14770		Transaxle Support Brkt.—R.H.	
	14769		Transaxle Support Brkt.—L.H. (Not Shown)	
87	712-0138		Hex Nut ¼-28 Thd.	
88	725-0771		Solenoid	
89	16429		Shift Lever Bracket	
90	736-0414		Teflon Washer	
91	725-0459		Circuit Breaker	
92	710-0959		Hex Bolt 5/16-18 x 1.50"	
94	738-0755		Shld. Bolt 3/8-24 x 3.12" Lg.	
95	732-0307		Ext. Spring .99" O.D. x 11.0"	
97	736-0105		Bell-Wash. .38" I.D. x .88"	
98	738-0569		Shaft .56" Dia. x 3.875" Lg.	
99	736-0331		Bell-Wash. .39" I.D. x 1.12"	
100	736-0256		Fl-Wash.	
101	714-0507		Cotter Pin 3/32" Dia. x .75"*	
102	710-0604		Hex Wash. Hd. Scr. 5/16-18 x .62" Lg.	

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PARTS LIST FOR MODEL 13665 LAWN TRACTOR (CONTINUED)

REF. NO.	PART NO.	COLOR CODE	DESCRIPTION	NEW PART	REF. NO.	PART NO.	COLOR CODE	DESCRIPTION	NEW PART
103	736-0231		Fl-Wash. .34" I.D. x 1.12" O.D.		115	710-0427		Hex Bolt 3/8-16 x 2.00" Lg.*	
					116	710-0258		Hex Bolt ¼-20 x .62" Lg.*	
105	16067		Belt Guard		117	16181		Spring Hanger Bracket	
106	710-0118		Hex Bolt 5/16-18 x .75" Lg.*		118	710-0428		Hex Bolt ¼-28 x 1.25" Lg.*	
107	15835		Pedal Bracket		119	16437		Shift Lever Link Ass'y.	
108	714-0507		Cotter Pin 3/32 x .75"*		120	736-0270		Bell-Wash. .265 I.D. x .75 O.D.	
109	711-0198		Ferrule						
110	751-0446		Inlet Tube Ass'y.		121	710-0195		Hex Bolt ¼-28 x .62" Lg.	
111	712-0798		Hex Nut 3/8"-16 Thd.*		122	736-0140		Fl-Wash. .385" I.D. x .62" O.D.	
112	736-0169		L-Wash. 3/8" I.D.*						
113	736-0280		Fl-Wash. .390" I.D. x 1.12"		123	736-0275		Fl-Wash. .34" I.D. x .68" O.D.	
114	756-0217		Fl-Idler w/Flanges 2.750						

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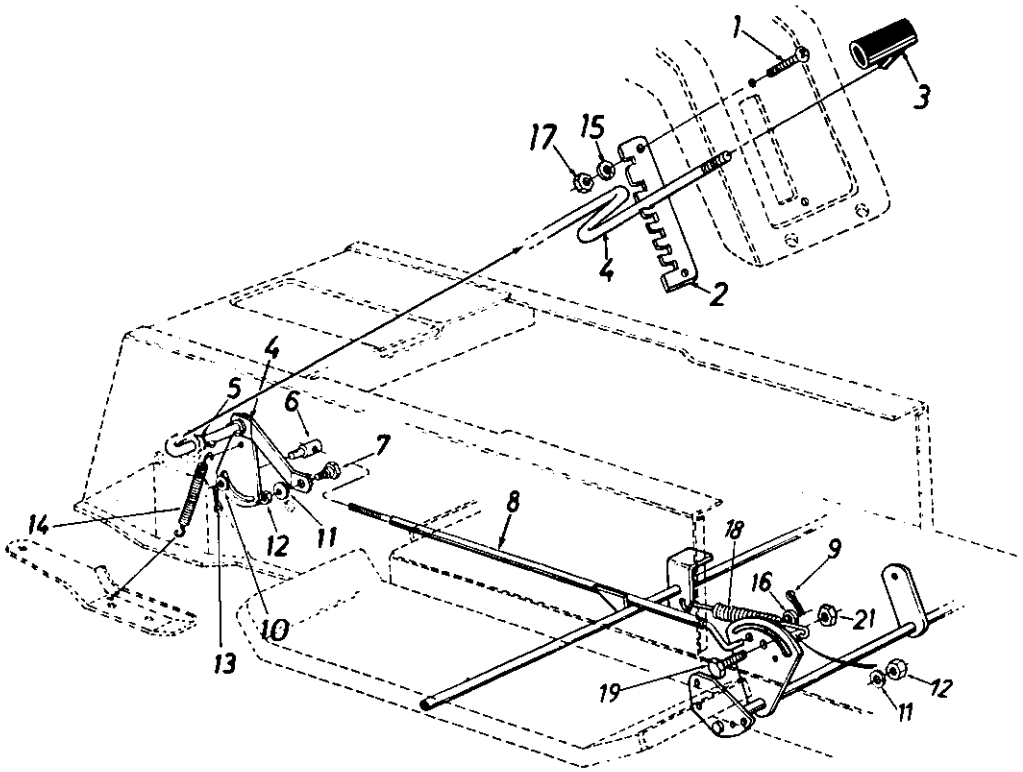

PARTS LIST FOR MODEL 13665 LAWN TRACTOR

REF. NO.	PART NO.	COLOR CODE	DESCRIPTION	NEW PART	REF. NO.	PART NO.	COLOR CODE	DESCRIPTION	NEW PART
1	710-0946		Truss Mach. Scr. ¼-20 x .62" Lg.		11	736-0119		L-Wash. 5/16" I.D.*	
					12	712-0267		Hex Nut 5/16-18 Thd.*	
2	17080		Speed Selector Plate		13	714-0507		Cotter Pin 3/32 Dia. x .75"*	
3	720-0209		Shift Knob		14	732-0303		Spring	
4	17088		Speed Selector Cam Ass'y.		15	736-0329		L-Wash. ¼" I.D.*	
5	736-0192		Flat Washer .53" I.D. x .93"		16	736-0226		Fl-Wash. .47" I.D. x .88" O.D.	
6	711-0198		Ferrule 3/8-24 x .37" Dia.		17	712-0287		Hex Nut ¼-20 Thd.*	
7	738-0155		Shoulder Bolt .435" Dia. x .160		18	732-0470		Ext. Spring 4.75" Lg.	
					19	710-0376		Hex Cap Bolt 5/16-18 x 1" Lg. (Grade 5)	
8	16355		Speed Control Rod Ass'y.						
9	714-0507		Cotter Pin 3/32" Dia. x .75"*		21	712-0158		Hex L-Nut 5/16-18 Thd.	
10	736-0140		Fl-Wash. .385" I.D. x .62" O.D.						

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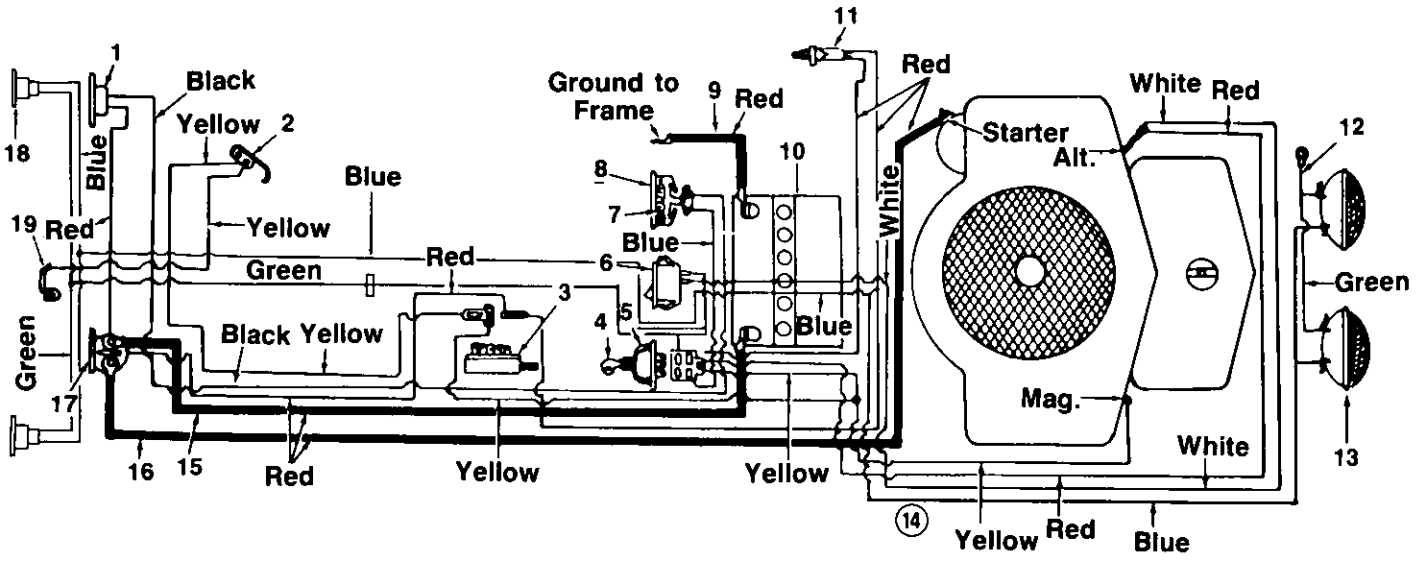

PARTS LIST FOR ELECTRICAL SYSTEM FOR MODEL 13665 LAWN TRACTOR

REF. NO.	PART NO.	COLOR CODE	DESCRIPTION	NEW PART	REF. NO.	PART NO.	COLOR CODE	DESCRIPTION	NEW PART
1	725-0459		Circuit Breaker		11	725-0577		Safety Switch	
2	725-0759		Spring Switch		12	725-0916		Ground Wire	
3	725-0819		Safety Switch Dpst.		13	725-0222		Headlight	
4	725-0201		Ignition Key		14	725-1179		Wire Harness	
5	725-0267		Ignition Switch		15	725-1080		Electric Wire 27.0" Lg.	
6	725-0634		Headlight Switch		16	725-0562		Electric Wire 32.5" Lg.	
7	722-0135		Foam Strip		17	725-0771		Solenoid	
8	725-0925		Ammeter		18	725-1128		Taillight	
9	725-0994		Grounding Wire 14.0" Lg.		19	725-1303		Spring Switch	N
10	725-0453		12 Volt Battery						

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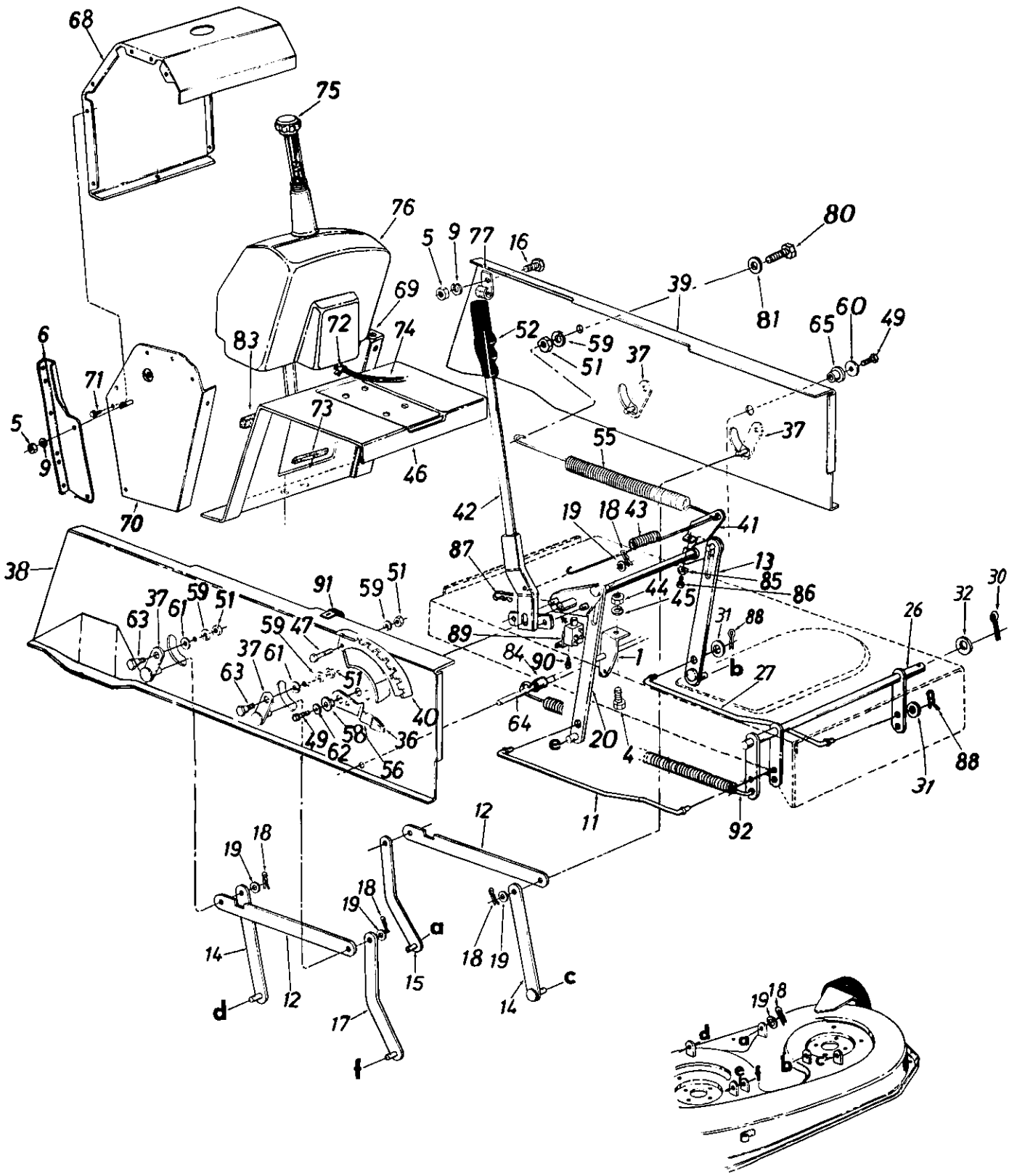
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13665

PARTS LIST FOR MODEL 13665 LAWN TRACTOR

REF. NO.	PART NO.	COLOR CODE	DESCRIPTION	NEW PART
1	16181		Spring Hanger Bracket	
4	710-0258		Hex Bolt ¼-20 x .62" Lg.*	
5	712-0267		Hex Nut 5/16-18 Thd.*	
6	17078		Mounting Bracket—R.H.**	
	17077		Mounting Bracket—L.H. (Not Shown)**	
9	736-0119		L-Wash. 5/16" I.D.*	
11	711-0790		Stabilizer Rod	
12	09735		Connecting Rod 3/16 x 1 x 12.5	
13	14802		Deck Lift Link Ass'y.	
14	14804		Deck Hanger Link Ass'y.	
15	15925		Deck Hanger Link Ass'y.	
16	710-0118		Hex Bolt 5/16-18 x .75" Lg.*	
17	14800		Deck Hanger Link Ass'y.—(Dog Leg)	
18	714-0101		Inter. Cotter Pin ½" Dia.	
19	736-0160		Fl-Wash. .531 I.D. x .93" O.D.	
20	14802		Deck Lift Link Ass'y.	
26	16234		Stabilizer Shaft Ass'y.	
27	711-0790		Stabilizer Rod	
30	714-0470		Cotter Pin 1/8" Dia. x 1.25" Lg.*	
31	736-0117		Fl-Wash. .385" I.D. x .620" O.D.	
32	736-0156		Fl-Wash. .635" I.D. x 1.12" O.D.	
36	08540		Knob—Height Adj.	
37	09721		Pivot Link Ass'y.	
38	14602		Side Panel Upper Frame—R.H.	
39	14603		Side Panel Upper Frame—L.H.	
40	16462		Index Brkt. (Deck Lift)	
41	17154		Lift Shaft Ass'y. (Incl. Ref. 85 & 86)	
42	16465		Lift Handle Brkt. Ass'y.	
43	732-0573		Ext. Spring	N
44	712-0287		Hex Nut ¼-20 Thd.*	
45	736-0329		L-Wash. ¼" I.D.*	
46	17226		Hitch Plate	N
47	710-0118		Hex Bolt 5/16-18 x .75" Lg.*	
49	710-0604		Hex Wash. TT-Tap Scr. 5/16-18 x .62" Lg.	
51	712-0267		Hex Nut 5/16-18 Thd.*	
52	720-0157		Grip	
55	732-0307		Ext. Spring .99" Dia. x 11.00" Lg.	
56	732-0412		Deck Lift—Down Stop	
58	748-0176		Flange Brg. .630" I.D.	
59	736-0119		L-Wash. 5/16" I.D.*	
60	736-0231		Fl-Wash. .344" I.D. x 1.125" O.D.	
61	736-0264		Fl-Wash. .344" I.D. x .62" O.D. x .063	
62	736-0231		Fl-Wash. .344" I.D. x 1.125" O.D.	
63	738-0140		Shld. Bolt .437" Dia. x .180	
64	738-0526		Running Board Rod	
65	741-0313		Flange Brg. .632" I.D.	
68	16238		Gas Tank Housing—Main Panel	
69	17083		Side Panel—L.H. Gas Tank	
70	17082		Side Panel—R.H. Gas Tank	
71	710-0351		Truss. Mach. B-Tap Scr. #10 x .50" Lg.	
72	726-0207		Hose Clamp—.406" Dia.	
73	731-0511		Trim Strip—5" Lg.	
74	751-0173		Gas Line—44" Lg.	
75	751-0226		Gas Tank Cap	
76	751-0403		Gas Tank	
77	726-0175		Hose Clamp	
80	710-0959		Hex Bolt 5/16-18 x 1.50" Lg.*	
81	736-0159		Fl-Wash. .344" I.D. x .875" O.D.	
83	722-0157		Foam Strip 3/8" x 1-1/8" x 1½" Lg. (2 Req'd.)	
84	711-0425		Spacer .523" I.D. x .640" O.D. x 1.95" Lg.	
85	712-3007		Hex Jam Nut 5/16-18 (Grade 5)	
86	710-0602		Hex Wash. Hd. Tap Scr. 5/16-18 x 1" Lg.	
87	714-0145		Internal Cotter Pin 3/8" Dia.	
88	714-0111		Cotter Pin 3/32" Dia.	
89	725-0803		Safety Switch	
90	710-0351		Truss Mach. Scr. #10 x .5" Lg.	
91	726-0175		Clamp	
92	732-0530		Ext. Spring 13.25" Lg.	

*For use with optional Rear Bagging Kit, Model 073.

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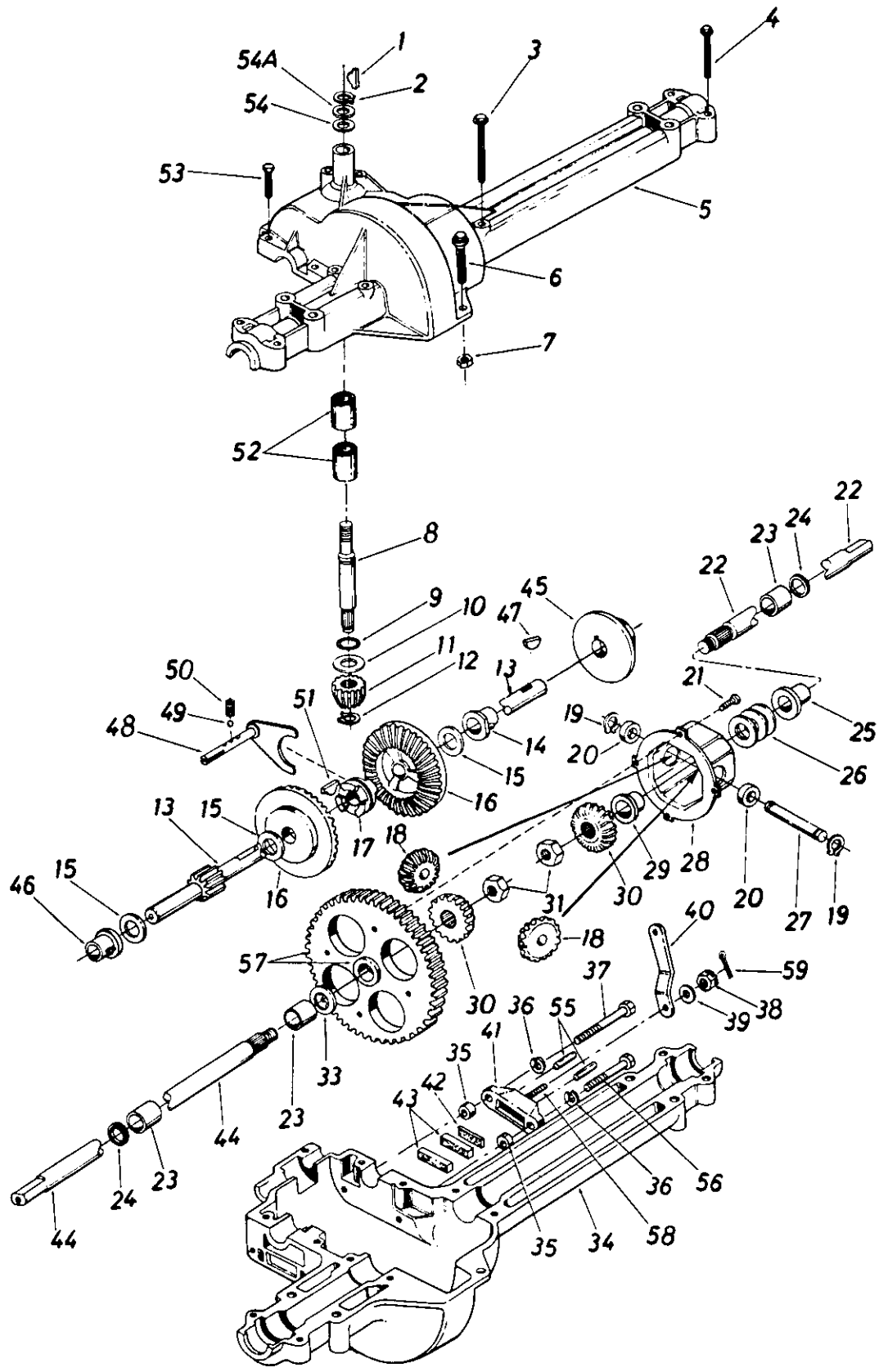

SINGLE SPEED TRANSAXLE—R.H.
MODEL 717-1050

13665

PARTS LIST FOR
SINGLE SPEED TRANSAXLE RIGHT HAND 717-1050

REF. NO.	PART NO.	DESCRIPTION	NEW PART	REF. NO.	PART NO.	DESCRIPTION	NEW PART
1	714-0129	#4 Hi-Pro Key 3/32 x 5/8" Dia.		33	736-0351	Fl-Wash. .75" I.D. x 1.5" O.D.	
2	716-0115	Snap Ring .625" Shaft		34	717-0761	Lower Housing	
3	710-0854	Hex Bolt ¼-20 x 1.75" Lg.*		35	750-0555	Spacer .53" O.D. x 3/8" Lg.	
4	710-0809	Hex Bolt ¼-20 x 1.25" Lg.*		36	736-0329	L-Wash. ¼" I.D.*	
5	717-0764	Upper Housing		37	710-0886	Hex Bolt ¼-20 x 1.50" Lg. (Grade 5)	
6	710-0642	Hex Fl-Bolt ¼-20 x .75" Lg.*					
7	712-0287	Hex Nut ¼-20 Thd.*		38	712-0335	Castle Nut 5/16-24 Thd.*	
8	717-0634	Input Shaft		39	736-0371	Fl-Wash. .34" I.D. x .875" O.D.	
9	721-0178	Square Seal 5/8" I.D.					
10	736-0335	Thrust Washer 5/8" I.D. x 1.25" O.D.		40	717-0700	Actuating Arm—R.H.	
				41	717-0679	Brake Yoke	
11	717-0633	Pinion Input 14T		42	717-0682	Puck Plate	
12	716-0108	Retaining Ring 7/16" Ext.		43	717-0678	Brake Puck	
13	717-0758	Drive Shaft—R.H.		44	717-1011	Axle L.H.	
14	741-0336	Flange Brg. 5/8" I.D. x ¾" Lg.*		45	717-0677	Brake Disc	
				46	741-0337	Flange Bearing 5/8" I.D. x 15/16" Lg.	
15	**	Fl-Wash. (See Below)					
16	717-0757	Bevel Gear 42T		47	714-0161	Woodruff Key 3/16 x 5/8 HT	
17	717-0667	Clutch Collar		48	717-0754	Shift Fork Ass'y.	
18	717-1020	Miter Gear 15T		49	741-0862	Ball Detent .250" Dia.	
19	716-0142	Snap Ring		50	732-0863	Spring Detent	
20	717-0690	Thrust Bearing ½" I.D. x 1.0" O.D.		51	714-0169	#9 Hi-Pro Key 3/16" x ¾" Dia. HT	
21	710-0862	Pan Head Scr. ¼-20 x .50" Lg. w/Patch		52	741-0335	Needle Brg. 5/8" I.D. x ½" Lg.	
22	717-1012	Axle R.H.		53	710-0855	Hex Bolt ¼-20 x 1.00" Lg.	
23	741-0340	Sleeve Bearing ¾" I.D. x 1.0" Lg.		54	736-0336	Fl-Wash. 5/8" I.D. x .030	
				54A	736-0337	Fl-Wash. 5/8" I.D. x .040	
24	721-0179	Oil Seal ¾" I.D.		54B	736-0349	Fl-Wash. 5/8" I.D. x .020	
25	741-0339	Flange Bearing ¾" I.D. x 15/16" Lg.		55	741-0343	Actuating Pin 5/16" Dia.	
				56	710-0886	Hex Bolt ¼-20 x 1.50" Lg. (Grade 5)	
26	736-0188	Fl-Wash. .760" I.D. x 1.49" O.D.		57	717-1059	Differential Gear 72T Ass'y. w/Bearing	
27	717-0673	Cross Shaft					
28	717-0777	Differential Housing Ass'y.		58	717-0796	Sq. Hd. Bolt 5/16-24 Thd.	
29	—	Comes with Ref. 28		59	1544-013	Cotter Pin 3/32" Dia. x .50" Lg.	
30	717-1019	Miter Gear—H.D.					
31	712-0200	Hex Ins. L-Nut ½-20 Thd.		—	737-0148	Grease—Shell (10 oz.)	

**Ref. No. 15 736-0349 Fl-Wash. 5/8" I.D. x 1.0" O.D. x .020 Thk.
736-0336 Fl-Wash. 5/8" I.D. x 1.0" O.D. x .030 Thk.
736-0337 Fl-Wash. 5/8" I.D. x 1.0" O.D. x .040 Thk.

YARD-MAN PARTS INFORMATION

POWER EQUIPMENT PARTS AND SERVICE

Parts and service for all YARD-MAN manufactured power equipment are available through local Authorized Service Dealers. Check the yellow pages. All orders should specify the model number of your unit, part numbers, description of parts and the quantity of each part required. DO NOT SEND PARTS ORDERS TO FACTORY. Service Distributors listed below, identified by state abbreviation, may be contacted for service assistance.

BRIGGS & STRATTON, TECUMSEH AND PEERLESS PARTS AND SERVICE

Briggs & Stratton, Tecumseh and Peerless parts and service should be handled by your nearest authorized engine service firm. Check the yellow pages of your telephone directory under the listing **Engine—Gasoline**, Briggs & Stratton or Tecumseh Lauson.

NC, SC, S VA
ALLISON-ERWIN CO.
2920 N. Tryon Street
P.O. Box 32308
Charlotte, NC 28232
(704) 334-8621

CT, RI, E-MA
COBBLE MOUNTAIN SUPPLY
615 West Johnson Ave.
Cheshire, CT 06410
(203) 272-1866

ME, NH
M. L. COFFIN CO.
725 Broadway
Bangor, ME 04401
(207) 942-8289

MS, AL
DICKERSON DISTRIBUTORS, INC.
P.O. Drawer 231
127 N. W. Depot
Durant, MS 39063
(601) 653-3004

S-FL
FLORIDA TURF & GARDEN EQUIP.
7275 NW 64th St.
Miami, FL 33166
(305) 592-3846

UP-NY
GAMBLE DISTRIBUTING INC.
P.O. Box 389
West End Ave.
Carthage, NY 13619
(315) 493-2270

CO
GENERATOR CITY
1845 N Federal Blvd.
Denver, CO 80204
(303) 455-2800

MI
IDEAL MOWER SALES

NW-OH
811 Woodward Heights
Ferndale, MI 48220
(313) 541-4660

C-FL
MANLEY TRACTOR SALES
5909 E. Broadway
Tampa, FL 33619
(813) 626-5900

WI, N-MI
MERCO CORP.
4080 N. Pt. Washington Rd.
P.O. Box 12145
Milwaukee, WI 53212
(414) 961-3200

MN
MERCO CORP. MINN.
7428 Washington Ave.
Eden Prairie, MN 55344
(612) 941-3550

NJ DE, NY MD, PA N-VA, WA-DC
NIEMEYER CORP.
1135 Phoenixville Pike
P.O. Box 1477
West Chester, PA 19380-0037
(215) 431-7200

MO, E-KS
OZARK EQUIPMENT CO.
Hwy. 63 & Black Street
Rolla, MO 65401
(314) 364-2180

N-FL, GA
POWER EQUIP. DIST. INC.
565 S. Edgewood Ave.
Jacksonville, FL 32205
(904) 387-1512

UT MT, NV S-ID
POWERED PRODUCTS
1661 N. Beck St.
Salt Lake City, UT 84116
(801) 359-9767

OH, IN, W-WV
RAHRIG SALES INC.
108-110 W. Lima St.
Forest, OH 45843
(419) 273-2556

KY TN, S-IL
RASCHE CYCLE CO.
713 Kentucky Ave.
Paducah, KY 42001
(502) 443-5698

ND
ROTT-KELLER CO.
65-28th St. S.
Fargo, ND 58107
(701) 235-0563

NM
HUGO SCHULTE & CO.
6666 Fourth St.
Albuquerque, NM 87107
(505) 345-2633

VT, W-MA
J & I SILLICH COMPANY
311 River Dr.
Hadley, MA 01035
(413) 549-7500

SD
STERN OIL CO. INC.
394 South Main
P.O. Box 218
Freeman, SD 57029
(605) 925-7999

TX, OK, AR, LA
TIMBERLAND SAW CO.
Hwy. 31 South
P.O. Box 1227
Marshall, TX 75671
(214) 935-5251

IL
TRYSON DISTRIBUTING COMPANY
670 Bonnie Lane
Elk Grove Village, IL 60007
(312) 593-3010

OR, AK, WA, W-ID
R. M. WADE & CO.
10025 S. W. Allen Blvd.
Beaverton, OR 97005
(503) 641-1865

R. M. WADE & CO.
5808 S. 196th St.
Kent, WA 98032
(206) 872-9233

CANADA
MTD PRODUCTS CANADA
97 Kent Ave.
Kitchener, Ontario
Canada, N2G 4J1
(519) 579-5500

EXPORT
DRAKE AMERICA CORP.
#2 Gannett Drive
White Plains, NY 10604
(914) 697-9800

WARRANTY PARTS AND SERVICE POLICY (0687)

The purpose of warranty is to protect the customer from defects in workmanship and materials, defects which are NOT detected at the time of manufacture. It does not provide for the unlimited and unrestricted replacement of parts. Use and maintenance are the responsibility of the customer. The manufacturer cannot assume responsibility for conditions over which it has no control. Simply put, if it's the manufacturer's fault, it's the manufacturer's responsibility; if it's the customer's fault, it's the customer's responsibility.

CLAIMS AGAINST THE MANUFACTURER'S WARRANTY INCLUDES:

1. **Replacement of Missing Parts** on new equipment.
2. **Replacement of Defective Parts** within the warranty period.
3. **Repair of Defects** within the warranty period.

All claims MUST be substantiated with the following information:

1. **Model Number, Serial Number and/or Data Code** of unit involved.
2. **Date** unit was purchased or first put into service.
3. **Date** of failure—Date Repaired.
4. **Nature** of failure—Correction.